# Mayor's Office

# CITY DOCUMENTS.

## Mayor's Address to the Council,

## City Government,

## Annual Reports, Etc.

## For the Year 1902-1903.

NEW BEDFORD:
THE A. E. COFFIN PRESS, CITY PRINTERS,
1903.

TYPOGRAPHICAL
UNION
LABEL
NEW BEDFORD

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1903 — CITY DOCUMENT No. 1.

# NINTH INAUGURAL ADDRESS

OF

# HON. CHARLES S. ASHLEY

## Mayor of New Bedford

**At the Inauguration of the City Government**
**January Fifth, Nineteen Hundred and Three**

NEW BEDFORD:
THE A. E. COFFIN PRESS, CITY PRINTERS,
1903.

# NINTH INAUGURAL ADDRESS

OF

# HON. CHARLES S. ASHLEY.

---

*Gentlemen of the City Council:*

To have a part in the government of a modern municipality is to have an interesting and instructive experience.

The laws prescribe the rights and duties and mark the limit of action, of the individuals, bodies and boards which make up the city government.

It is the province of the City Council to legislate, to enact the orders, ordinances and resolutions which in its judgment may be necessary to promote the welfare of the city.

It is the duty of the several boards and officials having administrative functions to exercise the same as nearly as may be in accordance with the desires of the City Council as expressed by its legislation. And it is the duty of the executive to carry out the desires of the people as expressed directly or through their representatives in the City Council.

Such is the understanding which has come through my experience as a city official.

In the appropriation and expenditure of the public money, which is a matter of the first importance, we may be guided by former experiences, and for such assistance as may be gathered therefrom, I present a statement of the financial transactions for the year which has just closed.

## TAXES.

The tax levy for 1902, as shown by the Assessors' warrant, to the Collector of Taxes, was as follows :

| | | |
|---|---|---|
| State tax | $29,730.00 | |
| Armory loan, Sinking Fund | 2,236.30 | |
| Armory loan, interest on the same | 4,375.00 | |
| County tax | 94,604.46 | |
| City appropriations | 1,018.772.70 | |
| Overlay | 12,761.05 | $1,162,479.51 |
| Collections | | 1,091,633 67 |
| Balance uncollected | | 70,845.84 |
| Balance of appropriations of 1902, as per Auditor's account at this date | | 67,144.15 |
| Excess of taxes over appropriations | | $3,701.69 |

About 94 per cent. of the tax levy of 1902 has been collected to this date, the balance unpaid being $3,605.41 less than for 1901.

The balance of the appropriation of 1900, amounting to $11,494.15, has been provided for from the taxes of that year, the excess amounting to $5,352.77 collected, having been credited to Unappropriated Funds.

The balance of appropriations of 1901, as shown by the Auditor's account at this date, is $5,097.12, for which there are taxes unpaid and collectable more than sufficient to provide for that sum.

Of the taxes of 1901 and for previous years, the collections amounted to $67,732.38, the sum of $8,937.11 in excess of the collections for the year previous.

## BONDED DEBT.

The bonded debt of the City of New Bedford at this date, December 1, 1902, is in brief as follows :

| | | | |
|---|---|---|---|
| Gross debt | | | $3,903,000 |
| Bonds issued beyond the debt limit : | | | |
| Water bonds | | $1,598,000 | |
| Park loans | | 128,000 | |
| Wharf loan | | 52,000 | 1,778,000 |
| Gross municipal debt | | | $2,125,000 |
| Sinking funds, gross | | $1,054,482 | |
| Deductions : | | | |
| Sinking funds, Water bonds | $209,830 | | |
| Sinking funds, Park bonds | 13,492 | | |
| Sinking funds, wharf bonds | 6,702 | 230,024 | 824,458 |
| Net debt, less municipal Sinking funds | | | $1,300,542 |
| Average valuation for 1900, 1901 and 1902 | | | $60,695,038 |
| Two and one half per cent. of average valuation | | | $1,517,375 |
| Net municipal debt | | | 1,300,542 |
| Borrowing capacity, December 1, 1902 | | | $216,833 |
| Bonds to mature the present year, 1903, as follows : | | | |
| Water bonds, 7s | | $10,000 | |
| Water bonds, 6s | | 20,000 | |
| Improvement bonds, 6s | | 10,000 | |
| Improvement bonds, 4s | | 162,000 | $202,000 |

### ESTIMATED BORROWING CAPACITY.

| | | |
|---|---|---|
| Assessors' valuation, 1900 | $57,884,452 | |
| Abatements to December 1, 1902 | 246,502 | $57,637,950 |
| Assessors' valuation, 1901 | $62,896,040 | |
| Abatements to December 1, 1902 | 490,085 | 62,405,955 |
| Assessors' valuation, 1902 | $62,561,811 | |
| Abatements to December 1, 1902 | 520,600 | 62,041,211 |
| Total for three years, less abatements | | $182,085,116 |
| Average valuation for the three years named | | $60,695,038 |

| | | |
|---|---|---|
| Two and one half per cent. of average valuation | | $1,517,375 |
| Net municipal debt | | 1,300,542 |
| Short of bonded debt, December 1, 1902 | | $216,833 |
| Bonds to mature in 1903, other than Water | $172,000 | |
| Estimated increase in Sinking funds | 139,786 | 311,786 |
| | | $528,619 |
| Less amount to be paid from Sinking funds | | 162,000 |
| Estimated borrowing capacity to December 1, 1903 | | $366,619 |

## SPECIAL APPROPRIATIONS, 1902.

The special appropriations for 1902 were large, due to the extraordinary amount of money required for the construction and extension of school buildings, the purchase of land and other expenses.

| | |
|---|---|
| The balance of appropriations, per Auditor's account | $362,814.89 |
| We have borrowed on appropriation for High School lot, note due May 1, 1903 | 60,000.00 |
| Total amount to provide for | $422,814.89 |

### EXPENDED FOR SCHOOL BUILDINGS AND LAND.

| | | |
|---|---|---|
| Extra work, not estimated in contracts | $22,105 49 | |
| Parker Street School, additions and improvements | 37,366.61 | |
| Morgan lot site for the proposed new High School building | 60,001 00 | $119,473.10 |
| Balance, less expenditures for school buildings | | $303,341.79 |

The balance, $303,341.79, may be provided for by the issue of bonds during the year, without exceeding our bonded indebtedness, as shown in the foregoing statement; the amount appropriated for school purposes, $119,473.10, could be provided from the anticipated receipts for the year from corporation taxes, etc., but from the fact that

such receipts will be required as heretofore for the departments beyond the usual $12.00 limit allowed for municipal appropriations. I therefore recommend that measures be taken to procure from the Legislature of the present year authority to issue bonds beyond the debt limit for the sum named, together with further authority to provide for the estimated cost of the new High School building.

## RECEIPTS AND EXPENDITURES.

The receipts and expenditures for the year, including balance of cash in the treasury December 2, 1901, were as follows:

| | | |
|---|---|---|
| Balance December 2, 1901 | | $67,398.56 |
| Receipts from taxes applied to — | | |
| Appropriations general | $1,013,979.48 | |
| Temporary loans | 1,300,000.00 | |
| From issue of bonds | 293,000.00 | |
| From sundry sources | 178,341.09 | |
| Commissioners of Sinking Funds, Improvement bonds matured | 50,000.00 | |
| Receipts from water rates, applied to debt account | 40,000.00 | |
| Receipts from wharf rates, for same | 2,080.00 | |
| Water Registrar, rates, etc. | 132,167.74 | |
| Interest on Trust Funds | 6,786.00 | |
| Dog licenses, from County | 3,107.88 | 3,147,476.56 |
| Total receipts, including balance December 1, 1901 | | $3,214,875.14 |
| Expenditures | | 3,150,247.85 |
| Balance in treasury | | $64,627.29 |

The collection and disbursement of the large sums of money mentioned in the financial statement is made by the City Treasurer, who is also collector of taxes, water registrar and treasurer of the sinking funds. The

combined duties of these several offices are arduous — there is a lack of office room and other facilities for doing the work, and many conditions exist in connection therewith which are annoying and unsatisfactory.

As a partial relief from such conditions I recommend that a change be made in the ordinances, to enable the Water Board to elect the Water Registrar (who shall hold no other city office), and to provide for the preparation and adjustment under the direction of said board, of all claims on account of the New Bedford Water Works.

Such a recommendation meets with the approval of the present water registrar.

I have been favored with official communications from most of the city departments, which indicate present circumstances and outline policies which may be followed in the future. If I thought that our financial condition would allow, I would present all the claims for special grants which have been requested. Most of the other subjects treated appear to be proper matters for departmental disposition.

I will confine myself to a few matters which have appealed to me as worthy of present consideration by you.

## SCHOOL DEPARTMENT.

There is a pressing need in this department for additional school buildings. The small, ungraded schools should be superseded as rapidly as possible by modern buildings and modern methods.

A site should be secured and a new primary school building erected at the south end of the city, between South and Division streets.

The Committee on City Property should procure the portable school buildings, for which the money has been granted, as soon as possible. The matter of school

accommodations, proper facilities and proper methods of construction, are live questions which merit prompt and liberal consideration.

## THE PUBLIC HEALTH.

The Board of Health should be encouraged in its efforts to control and stamp out in this community the dread disease which seems to afflict the whole of New England. And means should be provided to secure and maintain a small separate hospital for contagious diseases, like diphtheria and scarlet fever, where afflicted children and others may be cared for, and the expense of quarantining whole families and tenement colonies be saved.

## SEWERAGE.

I recommend the extension of the Tripp's Brook Sewer System as a measure to relieve the overloading of this sewer which now occurs during heavy rains. The Grape street sewer should be extended to Kempton street, to provide for the better drainage of the west end of the city, and a portion of the burden of the Tripp's brook sewer diverted to the Grape street sewer by means of a connection with the sewer in Ash street with the 48-inch sewer in Oak street near Allen street.

The north and west sections of the city will require considerable sewer construction during the year. Wherever practicable such new construction should be on the "separate system," separating the surface water from the sewage proper.

## THE JURY LIST.

The increased number of jury sessions of the courts in this county requires that larger numbers of our

citizens than formerly be drawn to serve on trial juries. It has been brought to my attention that the local jury list, as the same is now made up, includes the names of many persons who are exempted by law from the performance of this duty, and many others who through some disability are disqualified for this service.

This condition has led to considerable annoyance to the courts and to individuals summoned, and has caused many unnecessary meetings of the Board of Aldermen.

It seems probable to me that there is sufficient information in possession of the Board of Registrars, or that could be obtained through the Board of Assessors, to remedy this trouble.

I recommend the thorough revision of the jury list, with especial regard to capacity for the service required and careful attention to the exemptions made by the statute.

## COMMITTEES.

The work of detail and investigation performed by the several general and special committees in the course of the year is of great importance, and relieves the City Council of the necessity of frequent and protracted meetings for deliberations on many matters which can be as well, if not better, considered in committee.

But the value of committee work has often been impaired by laxity or negligence in preserving in a proper manner the records of the meetings and transactions of the committees, and of the presentation to the Council in proper form of the findings and recommendations upon the matters referred to the committees or which have come under their jurisdiction. There has been some just criticism upon this score.

I recommend the appointment of a competent person to be clerk of committees, who shall attend the meetings of the several committees, keep the committee records in

proper shape, and perform such other clerical duties as may be required.

## MUNICIPAL STREET SPRINKLING.

The affirmative action of the voters upon the submitted question of street sprinkling at municipal expense makes incumbent on the City Council to give early consideration to the matter of acquiring the proper machinery and of adopting some scheme for putting the plan in operation.

Dictates of economy and prudence demand that such methods as may be suggested be carefully canvassed before acceptance.

It seems to me that the inevitable result of this inovation to improve conditions will be to increase the burden of taxation, first on realty, and eventually the cost of maintenance will fall on householders and tenants in the form of increased rents and expenses.

It is evident that a large annual outlay will be necessary to support a system which can be in use but part of the year.

If you shall determine upon a special committee to have charge of this matter, I trust the selection will be made with care, and that the efforts of the committee will be in the direction of securing the desired object upon the most reasonable terms.

Gentlemen: The duties and obligations you have undertaken are neither novel or involved; the problems you will be called upon to solve are ever recurring and for the most part concern matters of which as private citizens you have already some knowledge.

If you will bring to the service of the city as officials the exercise of that judgment which you possess as plain citizens and business men, your duty will be fairly done and the municipality well served.

IN BOARD OF ALDERMEN,
January 5, 1903.

Received, ordered printed in the City Documents and sent down for concurrence.

D. B. LEONARD, City Clerk.

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IN COMMON COUNCIL,
January 5, 1903.

Concurred.

W. H. B. REMINGTON, Clerk.

1903. CITY DOCUMENT No. 2.

# CITY GOVERNMENT,

## 1903.

MAYOR

HON. CHARLES S. ASHLEY

ALDERMEN

Ward 1 — HENRY P. JENNEY
Ward 2 — LOUIS Z. NORMANDIN
Ward 3 — CHARLES H. BROWNELL
Ward 4 — WILLIAM E. SMITH
Ward 5 — CHARLES B. HILLMAN, JR.
Ward 6 — SAMUEL E. BENTLEY

CITY CLERK

DANIEL B. LEONARD

ASSISTANT CITY CLERK

WILLIAM S. COOK

CITY TREASURER AND COLLECTOR OF TAXES

JAMES H. HATHAWAY

CITY AUDITOR

CHARLES J. McGURK

CITY MESSENGER AND CLERK OF COMMITTEES

WALTER H. B. REMINGTON

PAGE TO BOARD OF ALDERMEN

CORNELIUS B. PIPER

## COMMON COUNCIL.

PRESIDENT—SAMUEL HIGHAM

### Ward One

Henry J. Gurll
Joseph H. Handford
John V. Thuot
Francis P. Washburn

### Ward Two

Frederick A. Dammon
Michael J. Glennon
Samuel Higham
Lawrence T. Woolfenden

### Ward Three

Charles S. Coombs
Francis W. Hammond
Charles W. Jones
William B. Perry

### Ward Four

Charles F. Cushing
Hugh Donaghy
Joseph L. Gibbs
Abbott P. Smith

### Ward Five

Daniel W. Baker
Robert L. Baylies
Charles M. Carroll
Frank Croacher

### Ward Six

Manuel A. Andrews
William K. Lees
John Waldron
George Winterburn

Clerk — WALTER H. B. REMINGTON

Messenger to Common Council — DAVID M. PIPER

---

## STANDING COMMITTEES OF THE BOARD OF MAYOR AND ALDERMEN

*Police* — The Mayor, and Aldermen Jenney and Smith
*Licenses* — Aldermen Brownell, Jenney and Hillman
*Burial Grounds* — Aldermen Jenney, Smith and Bentley
*Enrollment* — Aldermen Normandin, Brownell and Hillman
*Soldiers' Aid* — The Mayor, and Aldermen Brownell and Bentley
*Laying Out, Widening and Repairing Streets* — The Mayor, and Aldermen Jenney and Smith

JOINT STANDING COMMITTEE OF THE CITY COUNCIL.

*Finance* — The Mayor and Alderman Smith, the President of the Common Council, and Councilmen Washburn, Jones, Gibbs, Baylies and Lees

*Audit* — Aldermen Jenney and Brownell, and Councilmen Coombs, Croacher and Andrews

*City Property* — Aldermen Brownell and Jenney, and Councilmen Glennon, Jones and Waldron

*Fuel* — The Mayor and Alderman Bentley, and Councilmen Perry, Cushing and Baker

*Education* — Aldermen Smith and Bentley, and Councilmen Hammond, Carroll and Lees

*Fire Department* — Aldermen Normandin and Hillman, and Councilmen Washburn, Woolfenden and Andrews

*Charities, Almshouse and the Poor* — Aldermen Brownell and Smith, and Councilmen Thuot, Glennon and Baylies

*Street Lights* — Aldermen Jenney and Normandin, and Councilmen Woolfenden, Coombs and Winterburn

*Printing* — Alderman Brownell, and Councilmen Coombs and Carroll

*Buildings in the Fire District* — Aldermen Smith and Hillman, and Councilmen Handford, Washburn and Perry

*Armories and Military Property* — Aldermen Normandin and Hillman, and Councilmen Woolfenden, Gibbs and Winterburn

*Roads, Bridges and Sewers* — Aldermen Jenney and Normandin, and Councilmen Hammond, Donaghy and Baylies

*Water Works and Water Supply* — Aldermen Jenney and Brownell, and Councilmen Handford, Thuot and Smith

*Claims* — Aldermen Smith and Normandin, and Councilmen Gurl, Hammond and Croacher

*Ordinances* — Aldermen Normandin and Bentley, and Councilmen Thuot, Cushing and Winterburn

*Wharves*—Aldermen Smith and Brownell, and Councilmen Glennon, Donaghy and Waldron

*Bath Houses* — Aldermen Jenney and Bentley, and Councilmen Gurl, Gibbs and Waldron

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STANDING COMMITTEES OF THE COMMON COUNCIL.

*Election and Returns* — Councilmen Carroll, Gurl and Smith

*Bills in Second Reading* — Councilmen Donaghy, Dammon and Andrews

*Enrolled Ordinances* — Councilmen Gurl, Dammon and Baker

## ASSESSORS

Office, Library Building, Room 6

| | |
|---|---|
| WILLIAM F. BANNON, Chairman | 1 year |
| THOMAS F. HEALEY | 2 years |
| HENRY C. RUSSELL | 3 years |

ASSISTANT ASSESSORS

Ward 1 — JOHN H. FINNELL
Ward 2 — ARTHUR B. CHAPPELL
Ward 3 — PRINCE S. BORDEN
Ward 4 — ROLAND A. LEONARD
Ward 5 — WILLIAM J. ABRAMS
Ward 6 — GEORGE ENGLAND

---

## BOARD OF HEALTH

Office, 52 Pleasant Street

| | |
|---|---|
| WILLIAM G. KIRSCHBAUM | Term expires February |
| JOHN T. BULLARD | Term expires February, 1904 |
| MANUEL V. SYLVIA | Term expires February, 1905 |

WILLIAM G. KIRSCHBAUM, Chairman

City Physician and Quarantine Physician
HOLDER C. KIRBY

Clerk
SUSIE J. SMALL

Health Inspector
WILLIAM E. MACOMBER

Inspector of Plumbing
LOUIS H. RICHARDSON

Medical Inspector
DR. ALPHONSE NORMANDIN

Bacteriologist
DR. CHARLES F. CONNOR

MEDICAL INSPECTORS FOR SCHOOLS

DR. J. FRANK WEEKS
DR. FRED C. GRAVES
DR. AUGUSTUS H. MENDELL
DR. J. P. ST. GERMAIN

## NEW BEDFORD WATER WORKS

NEW BEDFORD WATER BOARD

His Honor CHARLES S. ASHLEY, Mayor, ex-officio President
SAMUEL HIGHAM, President of Common Council, ex-officio
ROBERT W. TABER, Term expires June, 1904
GEORGE H. HEDGE, Term expires June, 1905
ZEPHANIAH W. PEASE, Term expires June, 1906

Clerk
ROBERT C. P. COGGESHALL

Water Registrar
JAMES H. HATHAWAY
Office, Room 2, Library Building

Superintendent
ROBERT C. P. COGGESHALL
Office, City Hall Building

Inspector
CLIFFORD BAYLIES
Office, Room 2, Library Building

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## OVERSEERS OF THE POOR

CHARLES S. PAISLER, Chairman

A. H. W. CARPENTER, Term expires May 1, 1904
CHARLES S. PAISLER, Term expires May 1, 1905
WILLIAM H. RANKIN, Term expires May 1, 1906

Secretary
A. H. W. CARPENTER

Messenger
AUGUSTUS A. WOOD

Clerk
ELLA F. BUCKLIN

Superintendent Almshouse and Farm
FREEMAN H. ASHLEY

Physicians
EDWARD T. TUCKER and GEORGE BARNES

## FREE PUBLIC LIBRARY

TRUSTEES

(*Ex-officio. Terms expire January, 1904*)

| | |
|---|---|
| CHARLES S. ASHLEY, | Mayor of the City |
| SAMUEL HIGHAM, | President of the Common Council |
| WILLIAM E. SMITH, | Alderman and Chairman of the Committee of the City Council on Education |

(*Elected by the Council*)

| | |
|---|---|
| LEMUEL LEB. HOLMES, | Term expires April, 1904 |
| FRANCIS M. KENNEDY, | Term expires April, 1904 |
| WALTER S. ALLEN, | Term expires April, 1905 |
| WILLIAM L. SAYER, | Term expires April, 1905 |
| ISAAC B. TOMPKINS, JR., | Term expires April, 1906 |
| JIREH SWIFT, JR., | Term expires April, 1906 |

President of the Board

THE MAYOR

Clerk

WILLIAM L. SAYER

Committees

*On the Library* — Messrs. SAYER, TOMPKINS and SWIFT
*On Finance* — Messrs. KENNEDY, TOMPKINS and ALLEN
*On the Building* — Messrs. HOLMES, ALLEN and SMITH
*On Reading Room* — Messrs. SWIFT and SMITH

[1]Librarian

GEORGE H. TRIPP

Cataloguer

ANNA H. DEWOLF

Assistants

| | |
|---|---|
| JOSEHINE A. MERRICK | SUSIE H. GAMMONS |
| ETTA F. LAWRENCE | FLORENCE E. PIERCE |
| NELLIE C. DAVOLL | CLEMENT YAEGER |

Janitor

YORICK W. AMES

## COMMISSIONERS OF SINKING FUNDS

| | |
|---|---|
| MORGAN ROTCH, Chairman, | Term expires March, 1904 |
| WILLIAM A. MACKIE, | Term expires March, 1905 |
| BENJAMIN F. BROWNELL, | Term expires March, 1906 |

JAMES H. HATHAWAY, Secretary and Treasurer

---

## BOARD OF PARK COMMISSIONERS

Office, Merchants Bank Building

| | |
|---|---|
| SAMUEL P. RICHMOND, | Term expires 1st Monday in May, 1904 |
| OBED C. NYE, | Term expires 1st Monday in May, 1905 |
| CHARLES T. SMITH | Term expires 1st Monday in May, 1906 |
| ERNEST A. WHEATON, | Term expires 1st Monday in May, 1907 |
| JAMES E. MOORE, | Term expires 1st Monday in May, 1908 |

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## CEMETERY BOARD

| | |
|---|---|
| JOHN G. NICHOLSON, | Term expires May 1, 1904 |
| CHARLES H. VINAL | Term expires May 1, 1905 |
| WILLIAM M. HIGHAM, | Term expires May 1, 1906 |

Chairman — JOHN G. NICHOLSON.
Secretary — CHARLES H. VINAL

Superintendent
CHARLES F. CORNELL

City Solicitor
BENJAMIN B. BARNEY

City Engineer
WILLIAM F. WILLIAMS

Drawtender
CHARLES B. SAYLES

Superintendent of Streets
CHARLES F. LAWTON

Sealer of Weights and Measures
JOHN N. O'BRIEN

Superintendent of Public Buildings and Buildings in the Fire Districts
EDMUND O'KEEFE

Inspector of Buildings
EDMUND O'KEEFE

Superintendent of City Clock
WILLIAM B. WOOD

City Bell Ringer
CORNELIUS A. WEBB

Harbor Master
CHARLES H. CRAGEN

Inspector of Petroleum and Vinegar
FRANK R. DELANO

Inspector of Milk, Animals and Provisions
DANIEL C. ASHLEY
Office, 137 Pleasant Street

Supervisor of Wires
DANIEL D. BRIGGS

## REGISTRARS OF VOTERS

| | |
|---|---|
| EMANUEL SULLAVOU, | Term expires May, 1904 |
| WILLARD N. LANE, | Term expires May, 1905 |
| CHARLES T. LUCE, | Term expires May, 1906 |

EMANUEL SULLAVOU, Chairman
DANIEL B. LEONARD, Clerk

Office, Basement City Hall Building

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## PRECINCT OFFICERS

(*Term of office expires Nov. 1, 1903*)

### WARD ONE, PRECINCT A

| | |
|---|---|
| Warden, | Allen Russell, Jr., R. |
| Clerk, | Michael E. Daley, D. |
| Inspector, | Nathaniel H. Jenney, R. |
| " | Ernest A. Jenney, D. |
| " | Edward C. Taber, R. |
| " | William O'Neil, D. |

*Deputies*

| | |
|---|---|
| Warden, | Thomas Riding, R. |
| Clerk, | Thomas E. smith, D. |
| Inspector, | Frederick H. Roscow, R. |
| " | Timothy J. Sullivan, D. |
| " | Daniel A. Cotter, R. |
| " | ——— ———, D. |

### WARD ONE, PRECINCT ONE

| | |
|---|---|
| Warden, | Michael F. Harlow, R. |
| Clerk, | John H. Finnell, D. |
| Inspector, | Henry H. Hacking, R. |
| " | Daniel J. Connolly, D. |
| " | Joseph Magnant, R. |
| " | Joseph N. L'heureux, D. |

*Deputies*

| | |
|---|---|
| Warden, | Edward Hughes, R. |
| Clerk, | John H. Boyle, D. |
| Inspector, | Stephen F. Neary, R. |
| " | Patrick H. Murphy, D. |
| " | Stephen H. Sullivan, R. |
| " | ——— ———, D. |

WARD ONE, PRECINCT TWO.

| | |
|---|---|
| Warden, | Edward P. Canny, D. |
| Clerk, | George B. Borden, R. |
| Inspector, | John J. Toomey, D. |
| " | Charles T. Brownell, R. |
| " | Daniel S. Considine, D. |
| " | William W. Pease, R. |

*Deputies*

| | |
|---|---|
| Warden, | John K. Smith, D. |
| Clerk, | William F. Chase, R. |
| Inspector, | John S. Harrington, D. |
| " | George W. Taylor, R. |
| " | ——— ———, D. |
| " | John B. Lowney, R. |

WARD TWO, PRECINCT THREE

| | |
|---|---|
| Warden, | George P. Macomber, R. |
| Clerk, | Lawrence H. Barney, D. |
| Inspector, | Charles T. Burgess, R. |
| " | Joseph Desmond, D. |
| " | Charles L. Faunce, R. |
| " | Asa L. H. Allen, D. |

*Deputies*

| | |
|---|---|
| Warden, | Edward H. Carter, R. |
| Clerk, | Michael McDonnell, D. |
| Inspector, | Edward B. Swift, R. |
| " | Daniel G. Dinnegan, D. |
| " | George E. Saxon, R. |
| " | Dennis H. Toomey, D. |

WARD TWO, PRECINCT FOUR

| | |
|---|---|
| Warden, | George K. Dammon, R. |
| Clerk, | John N. O'Brien, D. |
| Inspector, | Philip R. King, R. |
| " | John H. Ryan, Jr., D. |
| " | Bartholomew P. Fury, R. |
| " | Joseph P. H. Clarke, D. |

*Deputies*

| | |
|---|---|
| Warden, | Samuel E. Gabriel, R. |
| Clerk, | Thomas J. Murphy, D. |
| Inspector, | James H. Bamford, R. |
| " | Peter J. Riley, D. |
| " | James C. McNutt, R. |
| " | ——— ———, D. |

WARD THREE, PRECINCT FIVE

| | |
|---|---|
| Warden, | Joshua B. Ashley, Jr., D. |
| Clerk, | Charles R. Hathaway, R. |
| Inspector, | Henry F. Hammond, D. |
| " | Walter A. Jenney, R. |
| " | Obed S. Cowing, D. |
| " | Augustus G. Moulton, R. |

*Deputies*

| | |
|---|---|
| Warden, | Joshua G. Lapham, D. |
| Clerk, | Abner P. Pope, R. |
| Inspector, | Samuel J. Lowe, D. |
| " | Prince S. Borden, R. |
| " | Henry M. Maine, D. |
| " | Frederick H. Geils, R. |

WARD THREE, PRECINCT SIX

| | |
|---|---|
| Warden, | Michael A. Baker, D. |
| Clerk, | B. Franklin Wordell, R. |
| Inspector, | William E. Cooper, D. |
| " | Joseph C. Forbes, R. |
| " | William W. Atwood, D. |
| " | Arthur A. Dexter, R. |

*Deputies*

| | |
|---|---|
| Warden, | Alexander T. Stowell, D. |
| Clerk, | Gilbert Borden, Jr., R. |
| Inspector, | Henry Smith, D. |
| " | Samuel H. Perry, R. |
| " | Fred W. Silver, D. |
| " | William York, R. |

WARD FOUR, PRECINCT SEVEN

| | |
|---|---|
| Warden, | William F. Caswell, R. |
| Clerk, | Walter R. Myrick, D. |
| Inspector, | ——— ———, R. |
| " | Charles F. Dean, D. |
| " | Arthur C. Spooner, R. |
| " | George R. Young, D. |

*Deputies*

| | |
|---|---|
| Warden, | James B. Russell, R. |
| Clerk, | James A. Young, D. |
| Inspector, | Charles F. Grow, R. |
| " | Henry C. Gray, D. |
| " | Charles L. Ricketson, R. |
| " | Edwin P. Sowle, D. |

WARD FOUR, PRECINCT EIGHT

| | |
|---|---|
| Warden, | Henry A. Gray, D. |
| Clerk, | William B. Topham, R. |
| Inspector, | John W. Carter, D. |
| " | Frederick D. Barrows, R. |
| " | Thomas L. Parsons, D. |
| " | William E. Carroll, R. |

*Deputies*

| | |
|---|---|
| Warden, | George T. Macomber, D. |
| Clerk, | Seth W. Godfrey, R. |
| Inspector, | George H. Bowen, D. |
| " | Irwin Merrihew, R. |
| " | ——— ——— D. |
| " | William A. Carroll, R. |

WARD FIVE, PRECINCT NINE

| | |
|---|---|
| Warden, | John C. Emery, R. |
| Clerk, | Charles F. F. Jones, D. |
| Inspector, | Antone H. Senna, R. |
| " | Charles D. Russell, D. |
| " | Charles A. Bennett, R. |
| " | George P. Richardson, D. |

*Deputies*

| | |
|---|---|
| Warden, | George F. Curry, R. |
| Clerk, | Frank P. P. Tuell, D. |
| Inspector, | Harry C. Vaughan, R. |
| " | Rodolphus A. Swan, D. |
| " | Edward P. Dugan, R. |
| " | ——— ———, D. |

WARD FIVE, PRECINCT TEN

| | |
|---|---|
| Warden, | Charles F. Briggs, D. |
| Clerk, | ——— ———, R. |
| Inspector, | Michael T. Francis, D. |
| " | David M. Piper, R. |
| " | James J. Donaghy, D. |
| " | Charles A. S. Sherman, R. |

*Deputies*

| | |
|---|---|
| Warden, | Edwin L. Tillinghast, D. |
| Clerk, | Merton L. Hathaway, R. |
| Inspector, | James H. Miskell, D. |
| " | James H. Magnett, R. |
| " | John Miskell, D. |
| " | Leander G. Markham, R. |

WARD SIX, PRECINCT ELEVEN

| | |
|---|---|
| Warden, | John J. Meaney, D. |
| Clerk, | Leander A. Williston, R. |
| Inspector, | John F. Carney, D. |
| " | Frank T. Cooke, R. |
| " | William N. Nelson, D. |
| " | Anderson H. Swift, R. |

*Deputies*

| | |
|---|---|
| Warden, | John W. Spencer, D. |
| Clerk, | David Bromley, R. |
| Inspector, | Frank M. Jennings, D. |
| " | Maurice C. Downey, R. |
| " | Michael Stapleton, D. |
| " | Walter W. Snailham, R. |

WARD SIX, PRECINCT TWELVE

| | |
|---|---|
| Warden, | Marshall S. Greene, R. |
| Clerk, | Norman Barstow, D. |
| Inspector, | William W. Bonney, R. |
| " | George L. Jennings, D. |
| " | Daniel E. Nelson, R. |
| " | William C. Demello, D. |

*Deputies*

| | |
|---|---|
| Warden, | Joseph Menton, R. |
| Clerk, | Owen J. Dowd, D. |
| Inspector, | Philip E. Fogarty, R. |
| " | Patrick J. McDonald, D. |
| " | Francis Thorley, R. |
| " | Henry M. Whelan, D. |

## WARD LINES.

CITY OF NEW BEDFORD,
IN BOARD OF ALDERMEN,
April 25, 1895.

*Ordered*, That in conformity with section 96 of chapter 417 of the Acts of the Legislature of the Commonwealth, in the year 1893, the several wards of the city, until the first day of May, 1895, and until otherwise ordered, be and they are hereby divided and established according to the following described lines, to take effect January 1, 1896:

*Ward One.* All that portion of the city lying north of a line beginning at the river, and drawn through the centre of Linden street to Ashland street, thence through the centre of Ashland street to Durfee street, and thence through the centre of Durfee street to the west line of the city, will constitute Ward One.

*Ward Two.* All that portion of the city lying between a line drawn from the river through the centre of Linden street to Ashland street, thence through the centre of Ashland street to Durfee street, thence through the centre of Durfee street to the west line of the city, and a line drawn from the river through the centre of Campbell street to County street, thence through the centre of County street to Sycamore street, thence through the centre of Sycamore street to Cedar street, thence through the centre of Cedar street to Smith street, and thence through the centre of Smith street to the west line of the city, will constitute Ward Two.

*Ward Three.* All that portion of the city lying between a line drawn from the river through the centre of Campbell street to County street, thence through the centre of County street to Sycamore street, thence through the centre of Sycamore street to Cedar street, thence through the centre of Cedar street to Smith street, thence through the centre of Smith street to the west line of the city, and a line drawn from the river through the centre of High street to County street, thence through the centre of County street to Kempton street, thence through the centre of Kempton street to the west line of the city, will constitute Ward Three.

*Ward Four.* All that portion of the city lying between a line drawn from the river through the centre of High street to County street, thence through the centre of County street to Kempton street, thence through the centre of Kempton street to the west line of the city, and a line drawn from the river through the centre of School street to County street, thence through the centre of County street to Arnold street, and thence through the centre of Arnold street to the west line of the city, including Fish and Pope's Islands, will constitute Ward Four.

*Ward Five.* All that portion of the city lying between a line drawn from the river through the centre of School street to County street, thence through the centre of County street to Arnold street, thence through the centre of Arnold street to the west line of the city, and a line drawn from the river through the centre of Grinnell street to Fourth street, thence through the centre of Fourth street to Washington street, thence through the centre of Washington street to Dartmouth street, thence through the centre of Dartmouth street to Grape street, thence through the centre of Oak and Grape streets to Rockdale avenue, thence through the centre of Rockdale avenue to Allen street, and thence through the centre of Allen street to the west line of the city, will constitute Ward Five.

*Ward Six.* All that portion of the city lying south of a line drawn from the river through the centre of Grinnell street to Fourth street, thence through the centre of Fourth street to Washington street, thence through the centre of Washington street to Dartmouth street, thence through the centre of Dartmouth street to Oak street, thence through the centre of Oak and Grape streets to Rockdale avenue, thence through the centre of Rockdale avenue to Allen street, and thence through the centre of Allen street to the west line of the city, including Palmer's Island, will constitute Ward Six.

Adopted in concurrence.

Approved by the Mayor, April 27, 1895.

## VOTING PRECINCTS

As designated and established by the Mayor and Aldermen, under the provisions of chapter 417 of the Acts of the Legislature of 1893, and the provisions of chapter 11 of the Revised Laws of the Commonwealth, to take effect Jan. 1, 1902.

*Ordered*, That the several wards of the city be, and they are hereby divided into voting precincts for the holding of all meetings for the choice of all officers who are elective by the people, and that the dividing lines of said precincts be as hereinafter defined.

IN WARD ONE.

All that portion of said ward lying north and east of a line drawn from a point in the channel of the Acushnet river formed by the extension of a line through the centre of Sawyer street, thence westerly in said extended line, and in the centre of Sawyer street to the easterly line of the New York, New Haven & Hartford railroad; then northerly in the easterly line of said railroad to the northerly boundary line of the city, shall be known as Precinct "A."

All that portion of said ward lying east and south of a line beginning at a point in the centre of Sawyer street, at the east line of the New York, New Haven & Hartford railroad, thence westerly in the centre of Sawyer street to its intersection with a line formed by the extension of a line through the centre of Purchase street; thence southerly in the centre of Purchase street to the centre of Weld street; thence westerly in the centre of Weld street to the centre of State street; thence southerly in the centre of State street to the centre of Linden street, shall be known as Precinct One.

All that portion of said ward lying west and north of a line beginning at a point in the centre of Linden street at its intersection with a line formed by the extension of a line through the centre of State street; thence northerly through the centre of State street to the centre of Weld street; thence eastherly in the centre of Weld street to the centre of Purchase street; thence northerly in the centre of Purchase street to the centre of Sawyer street; and thence easterly in the centre of Sawyer street to the easterly line of the New York, New Haven & Hartford railroad; thence northerly in the easterly line of the New York, New Haven & Hartford railroad to the northerly boundary line of the city, shall be known as Precinct Two.

IN WARD TWO.

Said line shall begin at a point formed by the extension of a line through the centre of County street at its intersection with Linden street, thence south through the centre of County street to the center of Locust street, thence through the centre of Locust street to the centre of Chestnut street, thence south through the centre of Chestnut street to a point in said Chestnut street at its intersection with a line formed by the extension of a line through the centre of Sycamore street. The precincts in said ward being further defined as follows: All that part of said ward lying east of said division line shall be and is hereby made a voting precinct to be known as Precinct Number Three; all that part of said ward lying west of said division line shall be and is hereby made a voting precinct to be known as Precinct Number Four.

IN WARD THREE.

Said line shall begin at a point in the centre of County street intersecting with a line formed by the extension of a line through the centre of Sycamore street, thence south through the centre of County street to its intersection with a line formed by the extension of a line through the centre of High street. And is further defined as follows: All that portion of said ward lying east of said division line as drawn through the centre of County street shall be and is hereby made a voting precinct to be known as Precinct Number Five; all that portion west of said division line as drawn through the centre of County street shall be and is hereby made a voting precinct to be known as Precinct Number Six.

IN WARD FOUR.

Said line shall begin at a point in the centre of Kempton street at its intersection with a line formed by the extension of a line through the centre of Summer street, thence south through the centre of Summer street to its intersection with a line formed by the extension of a line through the centre of Elm street, thence west through the centre of Elm street to the centre of Cottage street, thence south in the centre of Cottage street to a point at its intersection with a line formed by the extension of a line through the centre of Arnold street. And is further defined as follows: All that portion of said ward lying east of said division line shall be and is hereby made a voting precinct to be known as Precinct Number Seven; all that portion lying west of said division line is hereby made a voting precinct to be known as Precinct Number Eight.

IN WARD FIVE.

Said line shall begin at a point in the centre of County street and in the centre of School street, thence south in the centre of County street to the centre of Russell street, thence east in the centre of Russell street to the centre of South Sixth street, thence south in the centre of South Sixth street to its intersection with the centre of County street, thence in the centre of County street to its intersection with a line drawn through the centre of Washington street. The precincts in said ward being further defined as follows: All that portion of said ward lying east of said division line shall be and is hereby made a voting precinct to be known as Precinct Number Nine; and all that part of said ward lying west of said division line shall be and is hereby made a voting precinct to be known as Precinct Number Ten.

IN WARD SIX.

Said line shall begin at a point in the centre of Fourth street at its intersection with the centre of Grinnell street, thence south in the centre of Fourth street to the centre of Rivet street, thence westerly in the centre of Rivet street to the centre of County street, thence southerly in the centre of County street to Clark's Cove, so called. The precincts in said ward being further defined as follows: All that portion of said ward lying east of said division line shall be and is hereby made a voting precinct to be known as Precinct Number Eleven; all that portion of said ward lying west of said division line shall be and is hereby made a voting precinct to be known as Precinct Number Twelve.

Adopted.

## FIRE DEPARTMENT

CHIEF ENGINEER

FREDERICK MACY, Term expires April, 1908

Office, City Hall Building.

ASSISTANT ENGINEERS

First—EDWARD F. DAHILL, Term expires April, 1907
Second—JAMES J. DONAGHY, Term expires April, 1906
Third—WILLIAM E. WATSON, JR., Term expires April, 1905
Fourth—ROBERT WOOLFENDEN, Jr., Term expires April, 1904

CLERK OF BOARD OF ENGINEERS

FRED B. MACY

---

MEMBERS OF THE NEW BEDFORD PROTECTING SOCIETY

(*Special Police officers, to serve at fires*)

Akin, Thomas B.
Allen, George H. H.
Allen, Gideon
Bamford, James H.
Bamford, William
Bennett, George W.
Bentley, Lewis E.
Blossom, Simpson J.
Bly, O. Frank
Bonneau, Francis A.
Bourne, Standish
Coe, Isaac H., Jr.
Coggeshall, R. C. P.
Denison, Henry C.
Dias, Joseph
Dunham, Ernest A.
Eldridge, John, Jr.
Francis, James P.
Gardner, Edward R.
Gifford, Charles H.
Gifford, Frank H.
Gifford, Thomas J.
Hadley, A. W.
Hadley, Fred V.
Hammond, Edgar B.
Hammond Henry F.
Haskell Charles M.
Holden, Charles H.
Howard, Henry, Jr.
Howland, John J.
Humphrey, J. L., Jr.
Hutchinson, Henry S.
Kelley, Charles S.
Kingman, G. D.
Knowles, Thomas H.
Lawton, Charles H.
Lewis, Edgar R.
Lewis, William J.
Lowe, John H.
Macy Frederick B.
Macy, George I.
Macy, J. Roland
Manchester Phil'd'r F.
Maxfield, Edmund F.
Nye, Willard, Jr.
Parker, David L.
Paine, Charles L.
Peirce, Stephen D.
Penney, Edward F.
Pierce, Edward T.
Pitman, William H.
Potter, William F.
Read, William F.
Robbins, Arthur E.
Robinson, William A.
Rotch, Morgan
Richardson, Louis H.
Sanford, Gardner T.
Smith, Alexander T.
Snow, Robert
Sullivan, Daniel J.
Taber, Frederick
Taylor, William T.
Thilo, F. E.
Thornton, Alfred
Vincent, Mark T.
Washburn, Fred'ic A.
West, William R.
Wilbor, Alfred G.
Wilde, Edmond L.
Wood, Edmund
Wood, Horace
Wood, Thomas F.

## POLICE DEPARTMENT

CHIEF :

HENRY W. MASON

DEPUTY CHIEF :

JAMES L. WILBER

CAPTAINS :

JOHN C PARKER,
Day Force

ARTHUR H. JONES,
Night Force

LIEUTENANTS :

LEMUEL D. ADAMS
SETH E. BRYANT
THOMAS W. COMSTOCK
THOMAS FAY
CHARLES L. McBAY
THOMAS J. TAFT
JOSEPH B. WING

INSPECTORS :

FRANKLIN L. HATHAWAY
GEORGE E GENDRON

SERGEANTS :

EDMUND FOLEY
CHARLES C. GIFFORD
JEREMIAH McCARTHY
WILLIAM E. ROSCOE
HARRY D. STOW
WILLIS C. UNDERWOOD

CLERK :

HENRY N. WEST

COURT AND COMMITTING OFFICER :

LIEUT. LEMUEL D. ADAMS

EMERGENCY OFFICER, STATION ONE :

PATRICK KENNEDY

HEALTH OFFICER :

WILLIAM E. MACOMBER

MATRON :

MRS. SARAH M. BROWNELL

PATROLMEN:

Aldrich, Oscar F.
Allen, Charles E.
Allen Edgar W.
Allen, Edward
Allen, Robert N.
Almond, Walter
Almond, Wiliiam Jr.
Atwood, William W.
Benoit, William R.
Callanan, Thomas F.
Cannavan, Patrick
Church, Charles B.
Clough, George H.
Clark, Ulysses L.
Cole, William T.
Cowing, William J.
Cox, James M.
Dahoney, Thomas
Daley, Jeremiah E.
Demers Frank E.
Deneen, Daniel
Dodds, James
Doherty, Edward P.
Durant, Lawrence J.
Earley, Edward C.
Eldridge, Washington A.
Fowler, William
Gibbs, Nathaniel F.
Haffords, Stephen, Jr.
Harrington, Daniel
Holloway, Arod B.
Howland, William A. E.
Humphrey, Daniel J.
Ivey, James A.
Karcher, Frederick
Kenney, Patrick
Lawrence, George H.
Lee, Allen L.
Loftus, Anthony
Lowther, George H.
McCarthy, Edward
McDonald, Daniel J.
McDonnell, James
McDonnell, Patrick
McEnnis, Robert B.
McLeod, Samuel D.
Meehan, Daniel
Mosher, Albert E.
Murphy, Cornelius J.
Nickerson, Charles F.
Nye, Frederick L.
Oliver, John F.
Pinkham, George W.
Raymond, Hiram E.
Remington, Frank L.
Ricketson, Harrison D.
Rooks, Albert H.
Rooks, John C.
Russell, Eugene F.
Savage, James W.
Sharples, Smith
Smith, Andrew J.
Smith, Charles F.
Spooner, John C.
Sullivan, James H.
Sullivan, Timothy
Sweeney, Daniel B.
Sylvia, Frank W.
Taber, Jeremiah M.
Tripp, Chester L.
Vogel, Robert F.
Welsh, William
Willis, Rufus H.
Winslow, George F.
Wixon, James A.

HARBOR POLICE:

JOSEPH De L. SISSON

RESERVE POLICE:

Allen, Robert E.
Ashley, Henry T.
Breault, Narcisse A.
Brightman, Ellery E.
Caswell, Charles A.
Connell, Daniel C.
Craft, James F.
Crapo, Albert A., Jr.
Cushing, William S.
Daley, Charles F.
Downey, Daniel
Dupuis, Wilfred H.
Fay, John H.
Gay, Harry M.
Glennon, Wm. F.
Hayden, Abram L.
Head, Edward E.
Henderson, Joseph C.
Horton, Eliphalet M.
Hynes, Edward A.
Lamott, Benjamin
Mack, Thomas E.
Maguire Patrick J.
McKinstry, Albert E.
Murdy, Robert H.
Place, Joseph A.
Ratcliffe, Robert B.
Sullivan, Matthew
Timber, Geo. W.
Wilcox, Seth A.
Williams, Benjamin F., Jr.

WAGONMEN:

John M. Jones
George W. Paige

DRIVERS:

Edward F. Jennings
William M. Ryan

HOUSEKEEPERS:

Arnett, Henry
Arnett, James W.
Dayton, Luther M.
Mitchell, William H.
Stevens, Henry
Vogel, George
Wilson, Thomas H.

SPECIAL HOUSEKEEPERS:

Jones, Isaac M.
Manchester, John B.

JANITOR:

Moses C. Drew

CONSTABLES:

The Members of the Police Force
and

Dean, John H
Frissell, Amasa R.
La Roche, Louis
McDonnell, Michael
Moore, Lewis S.
Patnaude, Joseph C.
Perry, Samuel C.
Spooner, Arthur C.
Blair, John K.

KEEPER OF THE LOCKUP:

James L. Wilber

PROBATION OFFICER:

Edward Williams

SPECIAL POLICE OFFICERS:

Baker, Daniel W.
Bartel, Leopold
Bentley, Frank T.
Berry, James H.
Bliss, Frederick P.
Bliss, William H.
Booth, Benjamin T.
Borden, Prince S.
Broadbent, Samuel S.
Brown, William L. G.
Buckley, Alfred R.
Burgess, Stephen
Burke, Michael I.
Burke, William
Butts, Henry R., Jr.
Callahan, John
Chipman, James F.
Clark, William
Clarkson, Nicholas J.
Clynes, Thomas
Collins, John
Conklin, Abraham
Connelly, Daniel J.
Corish, John
Corley, Maurice C.
Cornell, Charles F.
Cornell, Sydney I.
Crafts, James
Crafts, James F.
Cronin, Cornelius
Dammon, George K.
Davenport, Charles H.
Davis, Otis A.
Dean, Thomas F.
Deverik, John H. (vet.)
Devoll, George H.
Donaghy, Joseph
Driscoll, Patrick J.
Duckworth, Wm. A.
Duffy, Thomas
Durfey, Richard T.
Eldridge, Samuel T.
England, George
Etchell, Edward
Fay, Miles H.
Ferguson, Joseph
Ferguson, William
Finn, Michael
Fitzgerald, James
Fournier, Napoleon J.
Francis, Frank W.
Frissell, Amasa R.
Fuller, Jonathan A.
Garant, Joseph
Garvin, Patrick F.
Geddis, Henry S.
Gibbs, Preston H.
Gibbs, William H. H.
Gifford, John
Glennon, Thomas F.
Grant, Lafayette
Greene, Marshall S.
Hammer, Frederick M. (vet.)
Harrington, Cornelius
Harrington, J., Clark street
Holloway, James T.
Holmes, Ezra
Holmes, John J.
Houle, Dolor A.
Howard, Henry
Howland, William G.
Hurll, Daniel

Johnson, Oscar
Johnson, W. H., Smith street
Jones, Isaac M.
Joseph, John
Karcher, Fred'k, Sr.
Kelley, Hiram C.
Kennedy, Augustus M.
Kennedy, Thomas
Kent, James D. T.
King, Joseph T.
Lapham, George W.
Lawrence, Cyrus T.
Leary, Dennis, Jr.
Lincoln, Ellery C.
Little, Frank
Little, John E.
Lumbert, John
Luther, Joseph P.
Manchester, John B.
Mathers, Joseph (vet.)
McDermott, Michael
Macomber, H. M.
Miller, George
Morgan, Elias T.
Morrison, Thomas
Netcher, George F.
Nicholson, John B.
Nye, George E.
Oliver, John
Palmer, Robert
Parker, Charles W.
Partington, William
Peckham, Samuel W.
Peirce, Anthony, Jr.
Perry, Samuel C.
Phillips, Henry T.
Pierce, Thomas H.
Pinelle, Joseph
Place, William J.
Pollock, John H.
Preece, Thomas
Quinn, Joseph
Rau, Gustavus L.
Read, George P.
Read, Richard A.
Remington, John G.
Reynolds, James R.
Richie, David
Russell, James B.
Sadler, William G.
Salmon, John
Saxon, James H.
Shea, Michael J.
Small, David S.
Smith, Henry
Smith, Henry H.
Spicer, Robert H.
Staples, Ellis
Stephens, Michael
Tallman, Edward S.
Taylor, Theodore
Taylor, William A.
Taylor, William J.
Thomas, Edward, Jr.
Thompson, Thomas
Tripp, Benjamin E.
Tripp, Leroy G.
Tuell, Charles D.
Ward, David G. F.
Warfield, James H.
Waters, Charles O.
Watts, William H. C.
Weeden, Charles H. L.
Wilbur, Allen R.
Wilcox, Wm. H. (vet.)
Wiley, James
Williston, Hiram L.
Wilson, John
Wood, Charles N.
Wood, James A.

MEASURERS OF WOOD AND BARK:

Ashley, Roland R.
Ashley, Andrew J.
Borden, Harrisou T.
Brownell, Chas. H.
Chace, Ira M.
Cobb, George A.
Comey, Charles M.
Coxen, Charles H.
Notter, John
Potter, Edwin L.
Rodman, Frank P.
Snell, Geo. A.
Taber, Edward C.

SURVEYORS OF LUMBER:

Beetle, John H.
Chase, Abram
Desmond, William F.
Doane, Joshua G.
Gray, Charles A., Jr.
Jennings, Ralph A.
Murphy, Patrick

MEASURERS OF GRAIN:

Chace, Ira M.
Jennings, Ralph A.
Rodman, Frank P.

WEIGHERS OF COAL:

Agard, Charles W.
Briggs, Arthur S.
Butts, Frank A., Jr.
Chace, Ira M.
Coe, William A.
Comey, Charles M.
Corson, James A.
Cuddy, Edward C.
Day, Thomas E.
Dunham, Zacheus C.
Forbes, Joseph C.
Gifford, Chas. H.
Gray, Charles A., Jr.
Hathaway, B. F., Jr.
Jennings, Ralph A.
Lindsey, Robert
Mitchell, George
Percy, T. A.
Raymond, William D.
Rodman, Frank P.
Russell, Pardon, Jr.
Spencer, Walter G.
Terry, Herbert C.
Tripp, Jabez D.
Wilson, Wallace B.
Wood, John
Wordell, Wilson I.

CITY WEIGHERS:

Almy, Harry
Allen, Vital
Ashley, Moses E. H.
Ashley, Roland R.
Babin, Aurel
Bariteau, Joseph L.
Bartlett, Robert W.
Boucher, Edouard
Bouvier, Joseph A.
Bradford, Edgar V.

Brownell, Charles H.
Budgen, Alfred
Burding, Joseph
Butts, Frank A., Jr.
Byrne, James
Canavan, Michael
Chace, Ira M.
Cobb, George A.
Coe, William A.
Collins, John
Comey, Charles M.
Comey, Morris L.
Comisky, John
Cook, Chas. E., 2d.
Cooper, Albert
Curtis, Daniel J.
Cushing, Joseph B.
Davis, Edwin F.
Day, Thomas E.
Deneault, Eugene
Deneault, Moise, Jr.
Dias, Joseph, Jr.
Donahue, Joseph F.
Donley, Wm.
Dow, Wm. A.
Downey, Abraham
Dunham, Zacheus C.
Edwards, Charles F.
Findlay, Thos. S.
Forbes, Joseph C.
Francis, Frank T.
Frates, Joseph
Gallagher, Wm.
Gardner, Wm. B.
Gero, David
Gifford, John I.
Gifford, Chas. H.
Gile, John F.
Gilenos, Hector
Gilmore, Thomas
Girvan, Douglass
Gosselin, Henry
Gray, Charles A., Jr.
Haggerty, Michael
Harney, John
Hathaway, B. F., Jr.
Hayden, Edward D.
Head, Frank
Hess, Christian
Higginbottom, Eli
Hitch, Frank B.
Jenney, William T.
Jennings, Charles E.
Jennings, George L.
Jennings, John W.
Jennings, Ralph A.
Jessie, Manuel
Jordan, Frank C.
Kiernan, James F.
King, Joseph F.
Kinney, E. D.
Lagasse, Telesphore
Langshaw, John P.
Lees, Fred
Lees, Lewis
Lees, William
Lewis, Edgar R.
Levere, Joseph
Lindsey, Robert
Littler, Henry
Lyons, John
Macomber, Harry T.
Maloney, James
Manning, W. H.
McCarthy, Mortimer
McNicholas, James
Mitchell, George
Nooning, Isabel F.
Paul, George H.
Percy, T. A.
Perry, John
Phaneuf, Jeremiah
Pierce, David H.
Pierce, William
Potter, Edwin L.

Raymond, William D.
Richardson, Harry F.
Robbins, Harry
Robinson, Frank J.
Rodman, Frank P.
Rose, Frank
Russell, Pardon, Jr.
Smith, Henry H.
Smith, Thomas D.
Smith, William
Soule, Rufus A., Jr.
Spencer, John W.
Spencer, Walter G.
Sullivan, Jeremiah T.
Sullivan, William H.
Swazey, Atone E.
Sylvia, Antone
Taber, Edward C.
Terry, Herbert C.
Tomlinson, Peter
Tripp, Desmond W.
Tripp, Elliott S.
Tripp, Jabez D.
Tripp, John E.
Tripp, Joseph J.
Tripp, Myron E.
Tucker, Geo. G.
Wall, Richard
West, George W.
West, John T., Jr.
White, Peter
Whittaker, Frank
Wilde, Albert T.
Wilson, Wallace B.
Winn, Stephen
Wood, John
Wordell, Wilson I.
York, Joseph

WEIGHERS OF BOILERS AND HEAVY MACHINERY:

Briggs, Arthur S.
Butts, Frank A., Jr.
Cook, Charles E., 2d.
Gray, Charles A., Jr.
Jennings, Ralph A.
Raymond, Wm. D.
Russell, Pardon, Jr.
Soule, Rufus A., Jr.
Spencer, Walter G.
Wilson, Wallace B.

FENCE VIEWERS:

Cobb, George A.
Russell, John A.
Tuell, Joseph B. C.
Young, James A.

POUND KEEPERS:

The Police
Wm. H. Johnson (Smith st.)
John B. Manchester

FIELD DRIVERS:

Arnett, James W.
Cook, George H.
Dayton, Luther M.
Dufresne, Adolph
Humphrey, Daniel J.
Manchester, John B.
Wilson, Thomas H.

## BOARD OF LICENSE COMMISSIONERS

STEPHEN D. PIERCE, Term expires June, 1904
JOHN O'NEIL, Term expires June, 1906
FRANK M. SPARROW, Term expires June, 1908

FRANK M. SPARROW, Chairman

1903. CITY DOCUMENT No. 3.

THIRTY-THIRD ANNUAL REPORT

OF THE

# NEW BEDFORD WATER BOARD

TO THE

# CITY COUNCIL

CONTAINING:

I.
The Report of the New Bedford Water Board for 1902.

II.
The Report of the Water Registrar.

III.
The Report of the Superintendent.

DECEMBER 31, 1902.

NEW BEDFORD, MASS.
THE A. E. COFFIN PRESS, CITY PRINTERS.
1903.

# NEW BEDFORD WATER BOARD.

1903.

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CHARLES S. ASHLEY,
*Mayor of the City.*

SAMUEL HIGHAM
*President of the Common Council.*

SAMUEL C. HUNT,
ZEPHANIAH W. PEASE,
ROBERT W. TABER.

CLERK OF THE BOARD, AND SUPERINTENDENT,
ROBERT C. P. COGGESHALL.

WATER REGISTRAR,
JAMES H. HATHAWAY.

FOREMAN,
JOHN C. DEMELLO, JR.

PUMPING STATION,
ADONIRAM S. NEGUS, *Pumping Engineer.*

INSPECTORS,
CLIFFORD BAYLIES,
ARTHUR R. WEEKS,
JOHN B. WILBUR,
WALTER P. MORTON.

# REPORT.

City of New Bedford,
Office of the New Bedford Water Board,
December 31st., 1902.

*To the City Council of the City of New Bedford:*

Gentlemen: — The New Bedford Water Board herewith presents the thirty-third annual report of this department.

There is no department of the city more sensitive to the quickened pulse of prosperity; none must sooner respond to the new emergency, than the water department. A supply of water is one of the first requirements in building operations. There has been an unusual building activity during the past year. Extensions of the distributing system have been made to a degree far in excess of the requirements of recent years. From the present outlook, it would seem that this demand is to continue through the coming year.

The supply has been ample, and we have no concern regarding capacity until our city has reached a growth far beyond its present population. It is well, nevertheless, to call attention to the rapid increase in consumption, part of which is due to the natural increase in the number of takers, and much more to wastefulness. A capacious supply is no excuse for waste. We wish to give emphasis to the remarks in our last report, concerning the city as a user. The city now charges itself a

lump sum annually for all uses. This amount remains the same as when water was first introduced. There is no restriction upon the amount supplied to each department; hence there is no incentive to economical use. Consequently there is more or less waste in these supplies. We feel that the city should set an example to other takers by the exercise of that economy which we encourage elsewhere.

At the recent municipal election the citizens voted in favor of the establishment of a municipal street sprinkling plant. In the estimates submitted to the city council, no allowance was made for the cost of the water which will be consumed, although the department is at present in receipt of revenue from the private company which now provides the service. As we have stated, the city departments place a heavy burden upon the consumption without increasing the credits in compensation. Within a few years the department has been required to provide a vast supply to operate the water motors in connection with the ventilating apparatus in the public school buildings. If this department is to be called upon to supply water for a street sprinkling service, we believe the water consumed should be charged to the street sprinkling department and credited to the water department, that this department should receive the credit for the service it extends.

As it stands, other city departments make a better booking showing at our expense. If the city departments were charged for the service rendered by this department as the water department is charged for the service it seeks from them, the financial showing would offer less cause for criticism. This, to be sure, would be a bookkeeping showing and not an actual saving to the taxpayer; but we feel it is highly important that the financial report of this department should represent the actual status.

Early in the year, a communication was received from the water registrar, enclosing a list of fixtures, for which no fixed rate had been provided, and asking instructions as to the charge to be made in such cases. The water registrar was instructed by a vote of this board to apply meters to all supplies enumerated in his list, and to charge metered rates for the water consumed. In all of these cases, the cost of the meter, together with the cost of installation and maintenance is charged to the consumer.

Certain buildings upon land owned by the city, and in charge of this department, which have become more or less dilapidated have been disposed of as follows:

The "Moncrieff" house, near High Hill Reservoir was sold April 24th at auction for removal. The amount realized from this sale was $73.38.

On October 7th the superintendent was authorized to tear down the buildings remaining upon the "Willard Clark" farm, near Neck street in Rochester.

The "Fletcher" house, on Neck street, Rochester, was sold Dec. 11th at auction for removal. Consideration $45.00.

The "A. L. Clark" house, on Neck street, Middleboro, was sold Dec. 11th at auction for removal. Consideration $30.00.

The "Sisson" house, on Neck street, Middleboro, was sold Dec. 11th at auction for removal. Consideration $51.00.

The "Swett" house, on Long Point road, Middleboro, was sold Dec. 11th at auction for removal. Consideration $5.00.

On June 5th, Walter P. Morton was appointed permanent inspector in this department, his name appearing first upon the civil service list.

A communication from the city solicitor was presented to the meeting held Sept. 4th, expressing the

opinion that Mr. Hunt, whose term of office expired in June last is a legal member of this board until his successor is duly chosen and qualifies. At the same meeting an opinion was received from the city solicitor setting forth that the use of the railroad track owned by this department connecting the N. Y., N. H. and Hartford system with the Quittacas pumping station cannot be granted to other parties.

In pursuance of instructions received from you at meeting held Oct. 31st, the wages of the laborers and employes of this department were at that meeting increased to the standard of wages paid for similar service in the street department.

On Jan. 4th, a contract was signed with the Camden Iron Works, of Camden, New Jersey, for 227 gross tons of cast iron pipe and special castings. The consideration was $26.35 per gross ton for ordinary straight bell and spigot pipe of 8 and 6 inch sizes, $27.60 per gross ton for three inch pipe, $40.40 per gross ton for two inch pipe and $55.00 per gross ton for special castings. These prices include delivery upon wharf in this city. The delivery under this contract was concluded in May.

The taking of land for the development of the new bridge approach necessitates the abandonment of the workshop property now used by this department in the near future. The question of re-location has been a frequent theme for discussion at meetings during the last year. We have not been altogether satisfied with the various locations which have been suggested previous to the present month. A few days since, a property came into the market which immediately attracted our attention as admirably suited to the required purpose. We refer to the property of the Johnson Typesetter Company, and land adjoining the same on the south belonging to the estate of David B. Kempton. Both of these properties front the west side of Water street, north of High street.

The brick building standing upon the Johnson land is so situated that the remaining land can be disposed to various uses to the best advantages. With few alterations, the building can be well fitted to serve as a workshop and stable. The location and easy grade of the land also appealed to us.

Being favorably impressed, we obtained options for the purchase of these properties, and these we submitted to you in our communication of the 24th inst., together with our recommendation that the property be purchased.

Under date of Dec. 26th, the following order was unanimously passed by the common council and was adopted in concurrence by the board of aldermen upon the 27th inst.

ORDERED: — That the sum of fourteen thousand dollars ($14,000.00) be, and the same is hereby appropriated for the purpose of purchasing certain lands and buildings situated on North Water street (now owned by the Johnson Typesetter Co. and the estate of David B. Kempton) for the New Bedford Water Works Department, and that the expense thereof be charged to the account of the New Bedford Water Works.

The following is a brief statement of the financial operations of the past year:

| | |
|---|---|
| Balance Dec. 1st, 1901, | $11,368.74 |
| Receipts for the year, all sources, | 144,167.74 |
| | $155,536.48 |

The charges have been as follows:

| | |
|---|---|
| Expenditures for management and repairs, | $107,387.44 |
| Expenditures for extensions, | 27,564.58 |
| | $134,952.02 |
| Which leaves a balance to the credit of the works on the books of the City Treasurer, Dec. 1st, 1902, | $20,584.46 |

Debits.

| | | |
|---|---|---|
| Balance Dec. 1st, 1901, | | $11,368.74 |
| Receipts from water rates, | $112,106.44 | |
| Mains, | 4,796.60 | |
| Services, | 3,010.61 | |
| Mill piping, | 472.31 | |
| Meters, | 2,418.46 | |
| Fines, | 68.00 | |
| Workshop, | 32.79 | |
| Lands, buildings, and taxes, | 1,536.43 | |
| High Hill reservoir, | 124.43 | |
| Sealing mill fixtures, | 75.67 | |
| Miscellaneous, | 26.00 | |
| Land damage award, | 7,500.00 | 132,167.74 |
| General appropriation for use of water for public purposes, | | 12,000.00 |
| General appropriation from tax levy to make up deficit, | | 65,880.00 |
| | | $221,416.48 |

Credits.

| | | | |
|---|---|---|---|
| Management and repairs, less interest, bonds paid and sinking funds, | | | $39,387.44 |
| Extension of works, | | 27,564.58 | |
| Interest on bonds, general appropriations, | $59,880.00 | | |
| Interest on Sylvia Ann Howland fund, general appropriations, | 6,000.00 | | |
| Interest paid from water rates, | 10,000.00 | | |
| Bonds paid from water rates, | 30,000.00 | 105,880.00 | |
| Sinking funds (further supply) paid from water rates, | | 24,000.00 | |
| Sinking funds, paid from water rates, | | 4,000.00 | |
| Balance Dec. 1st, 1902, | | 20,584.46 | $221,416.48 |

The actual outlay for the construction of these works, exclusive of debt, interest, and management and repair account, and not including the cost of the "further supply," is $1,870,121.54.

Summary of receipts and expenditures for "Further Water Supply" to Dec. 1st, 1902.

Receipts.

| | | |
|---|---|---|
| Bonds sold December 15th, 1894, | | $200,000.00 |
| Bonds sold April 24th, 1896, | | 50,000.00 |
| Bonds sold May 2nd, 1896, | | 200,000.00 |
| Bonds sold July 1st, 1896, | | 150,000.00 |
| Bonds sold Dec. 18th, 1896, | | 400,000.00 |
| Bonds sold Jan. 1st, 1897, | | 200,000.00 |
| Premium on bonds, Dec. 15th, 1894, | $18,632.00 | |
| Premium on bonds, April 24th, 1896, | 4,775.00 | |
| Premium on bonds, May 2nd and July 1st, 1896, | 30,866.50 | |
| Premium on bonds, Dec. 18th, 1896, | 35,428.00 | |
| Premium on bonds, Jan. 1st, 1897, | 21,660 | 111,361.50 |
| | | $1,311,361.50 |

Expenditures.

| | | |
|---|---|---|
| Cost of issuing water bonds, | | $991.12 |
| Salaries, | | 12,408.32 |
| Traveling and other expenses, | $722.92 | |
| Credit—Carriage hire, 2nd audit, | 5.00 | 717.92 |
| Telegraph and telephone messages, | | 164.34 |
| Legal expenses, | | 1,681.00 |
| Printing and stationery, | | 136.74 |
| Water gaugings at Quitticas ponds, | | 3,179.18 |
| Maintenance of rain guages, | | 278.50 |
| Survey and map of Quittacas ponds, | | 2,197.23 |

Lands bordering upon Quittacas ponds:

| | |
|---|---|
| Surveying and placing bounds, | $5,433.84 |
| Examination of titles and other legal expenses, | 5,065.79 |
| Cost of land and options, | 98,904.18 |
| Surveying water shed, Lakeville ponds, | 1,834.55 |
| Clearing land, etc., | 905.92 |
| | $112,144.28 |

| | Credits. | | |
|---|---|---|---|
| Rents received, | $882.80 | | |
| Middleboro taxes received, | 103.44 | | |
| Rochester taxes received, | 57.23 | | |
| Rebate on insurance, | 26.67 | | |
| Sale of hay, | 64.00 | | |
| Sale of machinery, | 47.50 | | |
| Sale of cedar poles, | 15.00 | | |
| Sale of furniture, | 29.00 | | |
| Sale of buildings, | 50.00 | 1,275.64 | 110,868.64 |

Pumping station and conduit connections at Little and Great Quittacas ponds, etc.:

| | |
|---|---|
| Engineering, | $10,334.67 |
| Designing engines and boilers and inspecting construction, | 21,711.22 |
| Foundation of pumping station and engines and intake into Little Quittacas pond, etc., | 78,681.56 |
| Inspection of connection between ponds, intake and work around ponds, | 3,666.35 |
| Draining and improving grounds and roads, | 2,589.90 |
| Cost of engines, | 136,748.52 |
| Fire piping, | 989.78 |
| Legal expenses, | 260.40 |
| Iron castings, | 1,894.47 |
| Boiler plates, | 1,345.41 |
| Contract, superstructure, | 58,116.77 |
| Freight and carting, | 169.30 |
| Contract, building boiler, | 8,276.26 |
| Draining building, sewerage, etc., | 1,104.65 |
| Crane, | 2,780.73 |
| Lighting equipment, | 202.62 |
| Other supplies, | 780.23 |
| Sluice gates, | 1,963.75 |
| Bridges, | 84.10 |
| Gate houses, superstructure, | 3,440.00 |
| Finishing floors, | 1,378.70 |
| Air pumps and connections, | 2,688.00 |
| Miscellaneous labor, | 1,266.37 |
| Steam piping, | 1,512.70 |
| Water gates, | 1,151.16 |

| | | |
|---|---|---|
| Reheater, | 640.00 | |
| Flue, | 747.09 | |
| Covering boiler and steam pipe, | 737.70 | |
| Feed pump, | 396.50 | |
| Second boiler, | 13,668.49 | |
| | $359,327.40 | |

Credits.

| | | | |
|---|---|---|---|
| Sale of cement and brick, | $322.33 | | |
| Sale of rope, | 27.50 | | |
| Rebate on insurance, | 3.94 | | |
| Use of derrick fall, | 3.00 | | |
| Amount returned from Acock contract, | 4,428.06 | 4,784.83 | 354,542.57 |

Force main:

| | | |
|---|---|---|
| Engineering, including surveying and placing bounds, | $16,832.07 | |
| Examination of titles and other legal expenses, | 998.05 | |
| Cost of land, | 7,279.07 | |
| Changing dry swamp ditch, | 317.54 | |
| Contract, cost of pipe and laying, | 324,328.80 | |
| Inspection on line, | 8,858.25 | |
| Cost of gates, | 6,991.09 | |
| Clearing wood, | 566.42 | |
| Inspection at foundry, | 2,736.60 | |
| Cast-iron pipe, | 4,432.42 | |
| Fencing, | 130.00 | |
| Freight and carting, | 298.91 | |
| All other supplies, | 93.90 | |
| Digging drains and other labor, | 710.02 | |
| Gravel, filling swamp, | 1,080.00 | |
| | $375,653.14 | |

Credits.

| | | | |
|---|---|---|---|
| Sale of wood, | $526.17 | | |
| Labor, | 58.25 | 584.42 | $375,068.72 |

Distributing reservoir at High Hill:

| | | |
|---|---|---|
| Engineering, including surveying and placing of bounds | $10,149.49 | |
| Examination of titles and other legal expenses, | 194.87 | |
| Cost of land, | 8,866.47 | |
| Moving buildings and repairs, | 513.23 | |
| Carriage hire, | 10.00 | |
| Contract, construction of reservoir, | 138,650.72 | |
| Cast-iron pipe and other castings, | 2,587.57 | |
| Masonry inspection, | 3,433.00 | |
| Cost of changing road, | 932.30 | |
| Earthwork inspection, | 1,007.00 | |
| Sluice gates, | 4,363.75 | |
| All other supplies, | 204.02 | |
| Work after completion of contract, | 1,458.40 | |
| Gate houses, | 5,721.20 | |
| Fence around reservoir, | 2,571.75 | |
| Steps, | 446.40 | |
| Weir, | 294.89 | |
| | $181,405.06 | |

Credits.

| | | | |
|---|---|---|---|
| Sale of land, | $1,000.00 | | |
| Sale of wood, | 475.00 | | |
| Labor, | 9.44 | | |
| Insurance rebate, | 9.60 | | |
| Rebate on pickets, | 36.70 | 1,530.74 | $179,874.32 |

Distributing main from High Hill reservoir to City:

| | |
|---|---|
| Engineering, including surveying and placing bounds, | $5,888.04 |
| Examination of titles and other legal expenses, | 139.70 |
| Cost of land, | 1,033.51 |
| Cost of pipe and special castings, | 108,790.17 |
| Wharfage and handling pipe, | 1,868.04 |
| Gasket, | 184.44 |
| Inspecting pipe, | 1,541.34 |
| Lead, | 961.06 |

| | | |
|---|---|---|
| Gates and boxes, | 6,352.77 | |
| Toolhouse, blacksmith shop and tools, | 121.21 | |
| Labor, | 6,864.24 | |
| All other supplies, | 68.49 | |
| Carting, | 4,266.55 | |
| Freight and express, | 5.22 | |
| Lumber, | 182.69 | |
| Inspection, | 534.96 | |
| Contract, Nash road to reservoir, | 26,826.16 | |
| Lowering Turner's pond, | 100.00 | |
| Lowering sewers, etc., | 217.99 | |
| Drain in 60-foot way, | 129.75 | |
| | $166,076.33 | |

Credit.

| | | |
|---|---|---|
| Board of Public Works, crusher stone, | 275.87 | $165,800.46 |

Railroad, Braley's to Little Quittacas:

| | | |
|---|---|---|
| Engineering, | $4,828.20 | |
| Hearing at Freetown and legal expenses, | 198.29 | |
| Contract for railroad, | 61,594.40 | |
| Inspection, | 826.50 | |
| Siding at Braley's, | 1,473.73 | |
| Cast-iron pipe, | 403.14 | |
| Signs, | 143.78 | |
| Gravel, etc., | 2,082.70 | |
| Wooden Culverts, | 672.10 | |
| Labor, | 15.00 | |
| Trestle in coal shed, | 1,393.80 | $73,631.64 |

Telephone lines:

| | | |
|---|---|---|
| Labor, | $15.50 | |
| Poles, | 373.02 | |
| Wiring lines, | 94.18 | |
| Rent of telephone, | 112.50 | |
| Other supplies, | 6.03 | |
| Freight, | 20.47 | $621.70 |

| | | |
|---|---|---|
| Dam between Great Quittacas and Pocksha ponds : | | |
| Engineering, | $1,047.20 | |
| Contract, | 24,600.00 | |
| Inspection, | 373.50 | $26,020.70 |
| Total expenditures, | | $1,308,183.10 |
| Balance to credit of account, Dec. 1st, 1902, | | 3,178.40 |
| | | $1,311,361.50 |

Accompanying this report, and a part of it, are the reports of the Water Registrar and of the Superintendent, which appear in the following pages.

Very respectfully submitted,

CHAS. S. ASHLEY,
SAMUEL HIGHAM,
SAMUEL C. HUNT,
ROBT. W. TABER,
Z. W. PEASE.

# Report of the Water Registrar.

CITY OF NEW BEDFORD,
WATER REGISTRAR'S OFFICE,
December 1st, 1902.

*To the New Bedford Water Board:*

GENTLEMEN: — I herewith present to you the annual statement of my accounts as Water Registrar for the year ending at this date.

RECEIPTS.

| | | | |
|---|---|---|---|
| Balance Dec. 1st, 1901, | | | $11,368.74 |
| Receipts for water: | | | |
| Rates, domestic, | $99,919.43 | | |
| Rates, manufacturing, | 12,187 01 | | |
| Appropriations for public buildings, fire hydrants, etc., | 12,000.00 | $124,106 44 | |
| Receipts for mains, | | 4,796.60 | |
| Services, | | 3,010.61 | |
| Mill piping, | | 472.31 | |
| Meters, | | 2,418.46 | |
| Fines, | | 68.00 | |
| Workshop, | | 32.79 | |
| Quittacas pumping station, | | 5.00 | |
| Railroad, | | 5.00 | |
| Lands, buildings, and taxes, | | 1,536.43 | |
| High Hill reservoir, | | 124.43 | |
| Sealing mill fixtures, | | 75.67 | |

| | | |
|---|---|---|
| Fountains, | 6.00 | |
| Mount Pleasant reservoir, | 5.00 | |
| Receiving reservoir, | 5.00 | |
| Land damage award, | 7,500.00 | 144,167.74 |
| | | $155,536.48 |
| Expenditures for the year ending Dec. 1st, 1902, | | 134,952.02 |
| Balance cash in treasury, Dec. 1st, 1902, | | $20,584.46 |

## EXPENDITURES.

### MANAGEMENT AND REPAIRS.

| | | |
|---|---|---|
| Engineering and superintendence, | | $4,892.01 |
| Water Registrar, inspection, and clerk hire, | | 5,387.76 |
| Pumping expenses, engineers, firemen, and watchmen; | | |
| Salaries and labor, | $6,372.70 | |
| Fuel, | 7,938.20 | |
| Oil, waste, packing, and gas, | 363.06 | |
| Other supplies, | 54.80 | |
| Repairs of engines, | 146.75 | |
| Repairs of boilers, | 340.42 | |
| Buildings and grounds, | 2,286.55 | |
| Miscellaneous, | 244.46 | 17,746.94 |
| Mains: | | |
| Cast iron pipe, | 144.26 | |
| Stop gates, | 97.48 | |
| Hydrants. | 356,84 | |
| Flushing and inspecting, | 192.05 | 790.63 |
| Services: | | |
| Pipe, | 143.81 | |
| Renewing and driving stop boxes, | 406.38 | |
| Clearing stops, taps and pipe, | 32.32 | 582.51 |
| Fountains : | | 117.80 |
| Meters : | | 119.40 |

General maintenance :

| | | | |
|---|---|---|---|
| Printing, stationery, advertising, and postage, | | 577.86 | |
| Car fares, express, telephone, telegraph, | | 483.19 | |
| Horses and wagons, | | 987.31 | |
| Labor at workshop, | | 1,070.25 | |
| Materials at workshop, | | 92.52 | |
| Fuel and lighting at workshop, | | 155.03 | |
| Miscellaneous, | | 231.36 | |
| Lands, buildings, taxes, etc., | | 1,499.40 | |
| Little Quittacas pond and inlet conduit, | | 535.09 | |
| 48 inch steel force main, | | 178.00 | |
| High Hill reservoir, | | 774.21 | |
| 36 inch distributing main, | | 534.39 | |
| Connection Little Quittacas pond and storing reservoir, | | 84.30 | |
| Receiving reservoir, | | 38.70 | |
| Mt. Pleasant distributing reservoir, | | 69.35 | |
| Meteorological instruments, | | 39.94 | |
| Railroad, | | 1,221.75 | |
| Purchase street station, | | 1,154.30 | |
| Sealing mill fixtures, | | 23.44 | |

Sinking funds paid from water rates :

| | | | |
|---|---|---|---|
| Further water supply, | $24,000.00 | | |
| Old supply, | 2,800.00 | | |
| Bonds of 1900, | 1,200.00 | 28,000.00 | |
| Bonds paid from water rates, | | 30,000.00 | |
| Interest paid from water rates, | | 10,000.00 | $107,387.44 |

EXTENSIONS.

Mains :

| | | | |
|---|---|---|---|
| Main pipe and special castings, | $9,146.76 | | |
| Stop gates, | 752.03 | | |
| Hydrants, | 492.00 | | |
| Lead and gasket, | 1,370.29 | | |
| Tools, | 952.10 | | |
| All other supplies | 726.60 | | |
| Freight and carting, | 147.07 | | |
| Labor, | 6,689.94 | 20,276.79 | |

| | | | |
|---|---|---|---|
| Services : | | | |
| Pipe, | 1,440.68 | | |
| Taps and stops, | 228.72 | | |
| All other supplies, | 92.10 | | |
| Labor, | 2,025.43 | | |
| Plumbing, | 469.40 | 4,256.33 | |
| Meters : | | | |
| Cost of meters, | 2,628.62 | | |
| Cost of setting, | 16.35 | 2,644.97 | |
| Mill piping, | | 386.49 | 27,564.58 |
| Total expenditures for the year, | | | $134,952.02 |
| Whole outlay upon the works to this date, | | | $3,297,836.46 |
| Balance Dec. 1st, 1902, | | | 20,584.46 |
| | | | $3,318,420.92 |

The receipts from the commencement of the works to this date have been as follows, viz. :

| | | |
|---|---|---|
| Appropriations by the city council, | | $1,038,000.00 |
| Receipts from water and other sources, | | 2,280,420.92 |
| | | $3,318,420.92 |
| Deduct total outlay, | | 3,297,836.46 |
| Balance as above, Dec. 1st, 1902, | | $20,584.46 |
| Outlay, | | $3,297.836.46 |
| Deduct from outlay : | | |
| Paid for management and repairs, | $818,826,78 | |
| Interest paid, | 157,788.14 | |
| Bonds paid, | 255,000.00 | |
| Sinking funds, | 28,500.00 | |
| Sinking funds (further supply), | 164,000.00 | |
| Sinking funds, bonds of 1900, | 3,600.00 | 1,427,714.92 |
| Actual cost of works, | | $1,870,121.54 |

| | |
|---|---|
| Total receipts for water, | $2,280,420.92 |
| Deduct the amount for maintenance, debt, interest, and sinking funds, | $1,427,714.92 |
| Water receipts applied to construction, | $852,706.00 |

The funds for the construction of these works have been derived from the following sources, viz.:

| | |
|---|---|
| Investment of Sylvia Ann Howland educational bequest, | $100,000.00 |
| Sylvia Ann Howland water bequest, | 100,000.00 |
| Received from sale of bonds, | 815,000.00 |
| Net receipts applied to construction, | 852,706.00 |
| Appropriation for construction in 1885, | 23,000.00 |
| | $1,890,706.00 |
| Deduct balance Dec. 1st, 1902, | 20,584.46 |
| Cost of works as stated above, | $1,870,121.54 |

The water debt at this date is as follows, viz.:

| | |
|---|---|
| Water bonds 7 per cent., | $70,000.00 |
| " " 6 " " | 100,000.00 |
| " " 5 " " | 40,000.00 |
| " " 4 " " | 140,000.00 |
| " " 4 " " (further supply), | 1,200,000.00 |
| " " 3½ " " | 48,000.00 |
| Sylvia Ann Howland bequest, 6 per cent, | 100,000.00 |
| | $1,698,000.00 |
| Less sinking funds, | 216,583.90 |
| Net water debt, Dec. 1st, 1902, | $1,481,416.10 |
| Outlay for management and repairs, | $107,387.44 |
| Outlay for extensions, | 27,564.58 |
| | $134,952.02 |

| | | |
|---|---|---|
| Deductions : | | |
| Receipts for services, | $3,010.61 | |
| Receipts for meters sold, | 2,418.46 | |
| Receipts for mains, | 4,796.60 | |
| Receipts for lands, buildings, fines, and other sources, | 2,335.63 | |
| Land damage award, | 7,500.00 | 20,061.30 |
| Net expenditures, | | $114,890.72 |
| Amount appropriated in 1902 for interest on water loan, | | $65,880.00 |
| Expenditures by the Water Board, | | 114,890.72 |
| Actual amount expended in 1902, | | $180,770.72 |
| Water receipts in 1902, | | $124,106.44 |
| Water receipts in 1901, | | 119,583.64 |
| Increase in 1902, | | $4,522.80 |

## Statement of "Further Water Supply" account.

RECEIPTS.

| | |
|---|---|
| Bonds sold, | $1,200,000.00 |
| Premium on same, | 111,361.50 |
| Sales, etc., | 8,456.50 |
| | $1,319,818.00 |

EXPENDITURES.

| | |
|---|---|
| Amount paid as per schedule, | $1,316,639.60 |
| Balance unexpended Dec. 1st, 1902, | $3,178.40 |

Respectfully submitted,

JAMES H. HATHAWAY,

*Water Registrar.*

# Report of the Superintendent.

NEW BEDFORD WATER WORKS,
SUPERINTENDENT'S OFFICE,
December 1st, 1902.

*To the New Bedford Water Board:*

GENTLEMEN: — The thirty-third annual report of the superintendent, for the year ending Dec. 1st, 1902, is herewith presented.

There has been no lack of supply, and the quality has remained satisfactory throughout the year.

An examination of the rainfall records, copies of which appear later in this report, shows that the total amount of rain which has fallen during the year is below the average.

Through the courtesy of Chief Engineer Goodnough, of the State Board of Health, I herewith present a statement of the results obtained by the chemical examination of water collected from locations as stated. These appear in the following pages:

# Water Analysis, State Board of Health.

*PARTS IN 100,000.*

| Number. | Date of Collection. | Date of Examination. | Appearance. Turbidity. | Appearance. Sediment. | Color. | Odor. Cold. | Odor. Hot. | Residue on Evaporation. Total. | Residue on Evaporation. Loss on ignition. | Residue on Evaporation. Fixed. | Ammonia. Free. | Ammonia. Albuminoid. Total. | Ammonia. Albuminoid. In solution. | Ammonia. Albuminoid. In suspens'n | Chlorine. | Nitrogen as Nitrates. | Nitrogen as Nitrites. | Oxygen consumed. | Hardness. | Iron. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 38,432 | 1901 Dec. 23 | 24 | Very slight | Very slight | .26 | Faintly vegetable | Distinctly vegetable | 3.45 | 1.40 | 2.05 | .0020 | .0190 | .0162 | .0028 | .54 | .0010 | .0000 | .40 | 1.0 | — |
| 38,725 | 1902 Jan. 21 | 21 | Very slight | Very slight | .28 | None | Faintly vegetable | 3.35 | 1.60 | 1.75 | .0020 | .0150 | .0130 | .0020 | .51 | .0020 | .0000 | .57 | 0.8 | — |
| 39,136 | Feb. 25 | 26 | Very slight | Slight | .32 | Faintly vegetable | Distinctly vegetable | 3.60 | 1.70 | 1.90 | .0012 | .0198 | .0142 | .0056 | .47 | .0010 | 0000 | .53 | 0.6 | — |
| 39,464 | Mar. 28 | 29 | Very slight | Slight | .28 | Faintly vegetable | Distinctly vegetable | 3.00 | 1.50 | 1.50 | .0014 | .0184 | .0166 | .0018 | .43 | .0010 | .0000 | .43 | 0.6 | — |
| 39,850 | Apr. 29 | 30 | Very slight | Slight | .26 | None | Faintly vegetable | 2.65 | 1.25 | 1.40 | 0026 | .0162 | .0146 | .0016 | .39 | .0030 | .0001 | .49 | 0.5 | — |
| 40,236 | May 27 | 28 | Very slight | Very slight | .28 | None | Faintly vegetable | 2.90 | 1.25 | 1.65 | .0016 | .0170 | .0154 | .0016 | .44 | .0030 | .0000 | .48 | 0.6 | — |
| 40,771 | June 24 | 25 | Very slight | Very slight | .26 | Faintly vegetable | Faintly vegetable | 3.25 | 1.25 | 2.00 | .0022 | .0178 | .0148 | .0030 | .46 | .0010 | .0000 | .47 | 0.6 | — |
| 41,278 | July 22 | 23 | Slight | Slight | .20 | Distinctly vegetable | Decidedly vegetable | 3.10 | 1.30 | 1.80 | .0004 | .0166 | .0152 | .0014 | .47 | .0020 | .0001 | .52 | 0.5 | — |
| 41,894 | Aug. 26 | 27 | Very slight | Slight | .21 | None | Faintly vegetable | 3.20 | 1.40 | 1.80 | 0008 | .0168 | .0150 | .0018 | .48 | .0000 | .0001 | .45 | 0.8 | — |
| 42,391 | Sept. 23 | 24 | Very slight | Slight | .18 | Faintly vegetable | Distinctly vegetable | 3.10 | 1.60 | 1.50 | .0004 | .0168 | .0162 | .0006 | .48 | .0000 | .0001 | .41 | 0.5 | — |
| 42,940 | Oct. 28 | 29 | Slight | Slight | .20 | None | Faintly vegetable | 3.30 | 1.80 | 1.50 | .0030 | .0158 | .0150 | .0008 | .49 | .0000 | .0000 | .31 | 0. | — |
| 43,302 | Nov. 25 | 26 | Very slight | Very slight | .22 | None | None | 3.50 | 1.50 | 2.00 | .0016 | .0166 | .0134 | .0032 | .49 | .0000 | .0000 | .38 | 0.6 | — |

These samples were collected from faucet, City Hall.

Scale of colors: 0—Colorless.
1—Yellowish brown tint.
2—Deep yellowish brown tint.

# Water Analysis, State Board of Health.

*PARTS IN 100,00.*

| Number | Date of Collection. | Date of Examination. | Appearance. Turbidity. | Appearance. Sediment. | Appearance. Color. | Odor. Cold. | Odor. Hot. | Residue on Evaporation. Total. | Residue on Evaporation. Loss on ignition. | Residue on Evaporation. Fixed. | Ammonia. Free. | Ammonia. Albuminoid. Total. | Ammonia. Albuminoid. In solution. | Ammonia. Albuminoid. In suspension. | Chlorine. | Nitrogen as Nitrates. | Nitrogen as Nitrites. | Oxygen consumed. | Hardness. | Iron. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 38,444 | 1901 Dec. 23 | 1902 Jan. 26 | Very slight | Slight | .25 | Faintly unpleasant | Distinctly unpleasant | 3.20 | 1.25 | 1.95 | .0006 | .0176 | .0162 | .0014 | .51 | .0060 | .0000 | .35 | 0.5 | — |
| 38,737 | Jan. 21 | Feb. 22 | Very slight | Slight | .30 | None | Faintly vegetable | 3.55 | 1.90 | 1.65 | .0008 | .0158 | .0124 | .0034 | .53 | .0000 | .0000 | .50 | 0.6 | — |
| 39,153 | Feb. 25 | Mar. 26 | Very slight | Slight | .32 | Faintly vegetable | Distinctly vegetable | 3.50 | 2.00 | 1.50 | .0008 | .0152 | .0134 | .0018 | .45 | .0010 | .0000 | .52 | 0.8 | — |
| 39,463 | Mar. 27 | Apr. 29 | Very slight | Slight | .27 | Faintly vegetable | Distinctly vegetable | 3.45 | 2.15 | 1.30 | .0014 | .0174 | .0140 | .0034 | .43 | .0020 | .0000 | .44 | 0.5 | — |
| 39,859 | Apr. 29 | May 30 | Very slight | Slight | .33 | None | Faintly vegetable | 2.95 | 1.25 | 1.70 | .0014 | .0164 | .0148 | .0016 | .42 | .0060 | .0000 | .50 | 0.6 | — |
| 40,244 | May 27 | June 28 | Very slight | Slight | .32 | None | Faintly vegetable | 3.10 | 1.50 | 1.60 | .0024 | .0174 | .0162 | .0012 | .43 | .0010 | .0000 | .50 | 0.8 | — |
| 40,770 | June 24 | July 25 | Very slight | Slight | .28 | Faintly vegetable | Distinctly vegetable | 3.15 | 1.10 | 2.05 | .0030 | .0196 | .0170 | .0026 | .46 | .0010 | .0000 | .46 | 0.6 | — |
| 41,294 | July 22 | Aug. 23 | Very slight | Very slight | .26 | Faintly vegetable | Distinctly vegetable | 3.40 | 1.40 | 2.00 | .0014 | .0162 | .0154 | .0008 | .49 | .0000 | 0000 | .50 | 0.8 | — |
| 41,914 | Aug. 26 | Sept. 27 | Very slight | Very slight | .20 | Faintly unpleasant | Distinctly unpleasant | 3.05 | 1.30 | 1.75 | .0016 | .0190 | .0154 | .0036 | .49 | .0000 | .0001 | .45 | 0.6 | — |
| 42,418 | Sept. 23 | Oct. 25 | Very slight | Very slight | .21 | None | Faintly vegetable | 3.65 | 1.90 | 1.75 | .0020 | .0154 | .0148 | .0006 | .49 | .0000 | .0000 | .46 | 1.0 | — |
| 42,954 | Oct. 28 | Nov. 29 | None | Very slight | .16 | None | Faintly vegetable | 3.10 | 1.80 | 1.30 | .0020 | .0138 | .0126 | .0012 | .50 | .0010 | .0000 | .35 | 0.8 | — |
| 43,309 | Nov. 25 | 26 | Very slight | Very slight | .19 | None | None | 3.60 | 1.70 | 1.90 | .0020 | .0170 | .0156 | .0014 | .52 | .0010 | .0000 | .32 | 1.0 | — |

These samples were collected from Little Quittacas Pond.

Scale of colors: 0—Colorless.
1—Yellowish brown tint.
2—Deep yellowish brown tint.

# Water Analysis, State Board of Health.

*PARTS IN 100,000.*

| Number. | Date of Collection. | Date of Examination. | Appearance. Turbidity. | Appearance. Sediment | Appearance. Color. | Odor. Cold. | Odor. Hot. | Residue on Evaporation. Total. | Residue on Evaporation. Loss on ignition | Residue on Evaporation. Fixed. | Ammonia. Free. | Ammonia. Albuminoid. Total | Ammonia. Albuminoid. In solution. | Ammonia. Albuminoid. In suspens'n. | Chlorine. | Nitrogen as Nitrates. | Nitrogen as Nitrites. | Oxygen consumed | Hardness. | Iron. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1902 | | | | | | | | | | | | | | | | | | | |
| 39 152 | Feb. 25 | 26 | Very slight | Very slight | .54 | Faintly vegetable | Faintly unpleasant and fishy | 3.90 | 2.00 | 1.90 | .0012 | .0180 | .0142 | .0038 | .47 | .0000 | .0000 | .74 | 0.8 | — |
| 40 243 | May 27 | 28 | Very slight | Slight | .57 | Faintly unpleasant | Distinctly unpleasant | 3.50 | 1.80 | 1.70 | .0022 | .0184 | .0158 | .0026 | .44 | .0020 | .0000 | .72 | 0.5 | — |
| 41 914 | Aug. 26 | 27 | Very slight | Very slight | .32 | Distinctly unpleasant | Distinctly unpleasant & musty | 2.65 | 1.30 | 1.35 | .0018 | .0176 | .0152 | .0024 | .48 | .0000 | .0001 | .54 | 0.5 | — |
| 43 308 | Nov. 25 | 26 | None | Very slight | .23 | None | Faintly vegetable | 3.05 | 1.65 | 1.40 | .0016 | .0168 | .0138 | .0030 | .50 | .0000 | .0000 | .46 | 0.6 | — |

These samples were collected from Great Quittacas Pond.

Scale of colors: 0– Colorless.
1 Yellowish brown tint
2–Deep yellowish brown tint.

# Water Analysis, State Board of Health.

*PARTS IN 100,000.*

| Number. | Date of Collection. | Date of Examination. | Appearance. Turbidity. | Appearance. Sediment. | Appearance. Color. | Odor. Cold. | Odor. Hot. | Residue on Evaporation. Total. | Residue on Evaporation. Loss on ignition. | Residue on Evaporation. Fixed. | Ammonia. Free. | Ammonia. Albuminoid. Total. | Ammonia. Albuminoid. In solution. | Ammonia. Albuminoid. In suspension. | Chlorine. | Nitrogen as Nitrates. | Nitrogen as Nitrites. | Oxygen consumed. | Hardness. | Iron. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1902 Feb. | | | | Turbid | | Faintly | | | | | | | | | | | | | |
| 39,151 | 25 | 26 | Very slight | Very slight | 1.10 | Faintly vegetable | unpleasant and fishy | 4.80 | 3.00 | 1.80 | .0010 | .0198 | .0166 | .0032 | .49 | .0020 | .0000 | 1.22 | 0.8 | —— |
| | May | | | | | | | | | | | | | | | | | | | |
| 40,245 | 27 | 28 | Very slight | Very slight | 1.00 | Faintly vegetable | Distinctly vegetable | 4.00 | 2.15 | 1.85 | .0022 | .0174 | .0170 | .0004 | .39 | .0020 | .0000 | 1.06 | 0.5 | —— |
| | Aug. | | | | | | | | | | | | | | | | | | | |
| 41,912 | 26 | 27 | Very slight | Very slight | .47 | Faintly vegetable | Faintly vegetable | 2.55 | 1.25 | 1.30 | .0018 | .0176 | .0160 | .0016 | .46 | .0000 | .0001 | .68 | 0.2 | —— |
| | Nov. | | | | | | | | | | | | | | | | | | | |
| 43,307 | 25 | 26 | Slight | Consid'ble | .35 | None | Faintly vegetable | 3.10 | 1.75 | 1.35 | .0020 | .0188 | .0150 | .0038 | .51 | .0000 | .0000 | .38 | 0.2 | —— |

These samples were collected from Long Pond.

Scale of colors: 0—Colorless.
1—Yellowish brown tint.
2—Deep yellowish brown tint.

# Water Analysis, State Board of Health.

*PARTS IN 100,000.*

| Number. | Date of Collection. | Date of Examination. | Appearance. Turbidity. | Appearance. Sediment. | Appearance. Color. | Odor. Cold. | Odor. Hot. | Residue on Evaporation. Total. | Residue on Evaporation. Loss on ignition. | Residue on Evaporation. Fixed. | Ammonia. Free. | Ammonia. Albuminoid. Total. | Ammonia. Albuminoid. In solution. | Ammonia. Albuminoid. In suspens'n. | Chlorine. | Nitrogen as Nitrates. | Nitrogen as Nitrites. | Oxygen consumed. | Hardness. | Iron. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1902 | | | | brown | | | | | | | | | | | | | | | |
| 39,135 | Feb. 25 | 26 | Slight | Slight | 1.20 | Distinctly vegetable | Decidedly vegetable | 5.85 | 2.75 | 3.10 | .0024 | .0212 | .0188 | .0024 | .50 | .0040 | .0000 | 1.20 | 1.0 | —— |
| 40,235 | May 27 | 28 | Very slight | Very slight | 1.24 | Faintly vegetable | Distinctly vegetable | 4.40 | 2.20 | 2.20 | .0038 | .0268 | .0238 | .0030 | .46 | .0040 | .0000 | 1.27 | 1.0 | —— |
| 41,893 | Aug. 26 | 27 | Slight | Slight | .90 | Faintly vegetable | Distinctly vegetable | 4.50 | 2.25 | 2.25 | .0028 | .0392 | .0340 | .0052 | .55 | .0000 | .0000 | .89 | 0.6 | —— |
| 43,303 | Nov. 25 | 26 | Very slight | Very slight | .54 | Faintly vegetable | Distinctly vegetable | 3.75 | 1.25 | 2.50 | .0038 | .0194 | .0162 | .0032 | .58 | .0020 | .0000 | .59 | 0.6 | —— |

These samples were collected from the Old Storing Reservoir.

Scale of colors: 0—Colorless.
1—Yellowish brown tint.
2—Deep yellowish brown tint.

The surface of Great Quittacas pond has varied from elevation 51.50 on March 24th to elevation 48.40 on Nov. 25th. At this date it stands at elevation 48.40.

The surface of Little Quittacas pond touched its lowest elevation, 46.10 on September 8th. At this date it stands at elevation 47.80. Little Quittacas pond is purposely kept at a lower level than Great Quittacas in order that space may be provided to receive the surplus waters of the latter named pond when at its highest levels during the spring months.

The shores of Little Quittacas pond have received attention in the matter of cleaning. Repairs have been made to the bank wall for 150 feet in front of the pumping station. A railing has been placed upon the sides of the walk upon the embankment leading from the shore in front of the station to the gate house in the pond. An electric light has been placed within the gate house, the wire supplying same passing through the tubing of the railing above mentioned. A row of pine and cedar trees has been placed along the northerly side of the road leading west from the pumping station and bordering upon the shore of the pond.

About three acres of land south of the pumping engineer's residence have been cleared.

Three hundred sleepers have been renewed under the rails of that portion of the railroad from the pumping station as far as the North Rochester road. Fully double that number will need renewal in the remaining portion of the railroad during the coming year. The planking at the railroad crossings of the Middleboro road, the North Rochester road and at the Beaver Dam have been renewed.

Attention has been given the embankments covering the 48 inch steel force main where needed. Internal inspection of this main pipe has not appeared necessary this year.

The High Hill reservoir is in excellent condition. A generous removal of the weeds upon the slopes early in the year has resulted in a generally improved appearance of the grass and the banks are better protected thereby.

The "Montcrieff" house, which was located upon the west side of the highway southwesterly from High Hill reservoir, was sold at auction on April 24th to James E. Tripp. It was shortly after removed by the purchaser. The amount realized from this sale by the city was $73.38. The "Wilbur" house, which stands just south, was damaged early in the year by lightning, occasioning repairs, which have been made.

The embankments of the thirty-six inch main leading from High Hill reservoir to the city, have received such attention as was found needed.

There is little to say regarding the Little Quittacas pumping station. All parts will be found in excellent condition and equal to any demand likely to be made. The pumping machinery continues to work smoothly and to the entire satisfaction of those in charge. These engines have made a record in the matter of economical performance which has attracted a great deal of attention outside of our city. A readjustment of the steam inlet valves early in the year, has resulted in a substantial increase in efficiency. Let me call your attention to table A, where you will see that the average monthly duty is stated at 139 million pounds raised one foot high per 100 pounds of coal. Expressed in another form this is equivalent to a duty very close to $1\frac{1}{4}$ pounds of coal per horse power per hour. This is an extremely satisfactory record. The following statistics relate to the operations at this station during the year.

| | | |
|---|---|---|
| Total quantity pumped (gallons), | 2,307,304,830 | |
| Total coal used (pounds), | 2,807,058 | |
| Gallons pumped per pound of coal, | 822 | |
| Daily average quantity pumped (gallons), | 7,371,581 | |
| Average head pumped against (feet), | 188.09 | |

The cost of pumping has been as follows:

| | | |
|---|---|---|
| Fuel, | $7,040.00 | |
| Labor, | 6,372.70 | |
| Oil, packing, waste and lighting, | 211.01 | |
| Repairs, | 354.28 | |
| Small supplies, | 55.87 | $15,033.86 |
| Cost per million gallons pumped into reservoir, | | 6.52 |
| Cost per million gallons raised one foot high, | | 3 $\frac{47}{100}$ cents |

| | |
|---|---|
| The cost of pumping figured on total maintenance, viz:— has been as follows: | $115,267.44 |
| Cost per million gallons pumped into reservoir, | 49.96 |
| Cost per million gallons raised one foot high, | 26 $\frac{56}{100}$ cents |

All parts of the system which formerly supplied this city from the Long Plain storing reservoir remain in the same condition as they were one year ago. No work has been required at the Long Plain storing reservoir. Some portions on the embankments containing the brick conduits which leads from the storing reservoir to the city should be regraded. As long as this conduit is liable for use as a public water supply, every means should be taken to preserve the stability of its construction and to prevent possible contamination of the water which it conveys. At present this supply is held intact to quickly meet any emergency which may be occasioned by an accident to the single pipe connecting High Hill reservoir with this city. It is therefore important that nothing be allowed that will tend to weaken this supply. Your attention has been repeatedly called to a tendency upon the part of some of the abutters to encroach upon the

right of way for various purposes. This is more frequent in the now thickly settled district from the receiving reservoir north some distance. Where the embankments have been worn down by the frequent use of same as passways, it should be regraded to its original depth; and where objectionable features appear within the limits of the right of way, it would seem as if the liability of objectionable drainage from same reaching the water within the conduit, would be sufficient to cause the removal to a safe distance.

At the Purchase street pumping station the property is closely watched and the machinery is kept in good order for a quick start.

The Purchase street receiving reservoir and the Mt. Pleasant distributing reservoir will be found in good condition.

The distributing mains have been increased 18,433 feet; and 2,507 feet of pipe previously laid has been removed. The total mileage is now 97.9027. Fish Island has heretofore been supplied through a two-inch lead pipe placed across the bottom of the river channel, which separates the island from the main land. This pipe has been removed and the supply is now made by a six-inch main which passes across the channel upon a platform suspended beneath the bridge structure. This pipe is well anchored at both ends and covered by a double box to prevent the action of frost.

I would recommend that the present line of eight-inch pipe in County street from Rivet to Cove street, and in Cove street from County to Water street be removed the coming year and replaced by a sixteen-inch pipe. This will extend the supply given by the twenty-inch main which now ends in County street at Rivet to the corner of Water and Cove streets, and there reinforce the three lines of twelve-inch pipe leading in different directions from that point.

There have been thirteen leaks upon the mains the past year as herewith shown:

| Date | Size | Location | Cause | Cost |
|---|---|---|---|---|
| 1901 | | | | |
| Dec. 10 | 10 in. | Acushnet ave., south of Holly st. | Pipe broke | $54.31 |
| Dec. 28 | 4 in. | First st., north of Potomska | Joint started | 1.56 |
| Dec. 31 | 8 in. | Fourth st., north of Grinnell st. | Joint started | 3.81 |
| 1902 | | | | |
| Jan. 11 | 8 in. | Kempton st., east of Park st. | Joint started | 2.66 |
| Jan. 14 | 6 in. | Allen st., west of Bonney | Joint started | 4.26 |
| Jan. 24 | 8 in. | Acushnet ave., corner High st. | Joint started | 2.85 |
| Jan. 25 | 8 in. | Weld st., west of Bowditch | Joint started | 5.85 |
| Mar. 12 | 8 in. | Wamsutta st., west of Front st. | Joint started | 7.15 |
| April 28 | 16 in. | Borden st., south of Bedford | Joint started | 6.21 |
| June 5 | 6 in. | Cottage st., corner Allen st. | Pl'g blew out | 14.68 |
| July 17 | 10 in. | Weld st., west of Pleasant st. | Joint started | 8.30 |
| Oct. 10 | 12 in. | East French ave., south of Cove st. | Pipe broke | 19.22 |
| Oct. 18 | 16 in. | Pleasant st., north of Sycamore st. | Joint started | 5.15 |

Two hundred sixty-seven feet of small sized distribution pipe (less than four inch) have been laid and nine hundred seventy-two feet of that previously laid have been removed. The total length now in use is 5,640 feet.

Fifty-three new stop gates have been set, and eight of those previously set have been removed. The total number now in use is 1,137.

Two small sized stop gates have been removed. The total number now in use is 78.

Twelve new private stop gates have been set. The total number now in use is 228.

Thirty-six new hydrants have been set, and seventeen of those previously set have been removed. The total number now in use is 769.

Two hundred thirteen service pipes have been laid, and forty-eight of those previously laid have been removed. The total number now in use is 9,612.

Twenty-eight service taps have been cleaned as follows: Rust, 15; mud, 5; eel, 1; trouble inside, 7.

The total number of motors is 128.

The total number of meters is 1,771. The list may be divided as follows:

| | |
|---|---|
| Manufacturing supplies. | 88 |
| Domestic supplies, | 1,679 |
| Public supplies, | 4 |

The following is a list of the different patterns used:

| | |
|---|---|
| Crown, | 245 |
| Union Rotary, | 142 |
| Hersey, | 108 |
| Hersey disc, | 429 |
| Empire, | 113 |
| Nash, | 261 |
| Trident, | 164 |
| Gem, | 10 |
| Lambert, | 294 |
| Thomson, | 3 |
| Columbia, | 2 |

A complete list of the drinking fountains connected with our distributing system is as follows: —

| | | |
|---|---|---|
| 1 | West French ave., at Cove street, | Horse bowl |
| 2 | Sixth street, at junction of County street, | Jenks |
| 3 | Allen street, at head of Bonney street, | Nash |
| 4 | Acushnet ave., at Cannon street, | Nash |
| 5 | Front street, foot of School street, | Horse bowl |
| 6 | Front street, foot of School, | Nash (drinking only) |
| 7 | Union street. corner Bethel street, | Nash |
| 8 | Market st., bet'n Pleasant and Sixth sts., | Jenks |
| 9 | Court street, west of Jenney street, | Horse bowl |
| 10 | Elm street, west of Purchase street, | Nash |
| 11 | Kempton street, at junction of Mill street, | Jenks |
| 12 | Hillman street, at corner of County street, | Nash (drinking only) |
| 13 | County street, at corner of Smith street, | Nash |
| 14 | Purchase street, at corner of Pearl street, | Nash |
| 15 | Shawmut ave., at corner of Durfee street, | Jenks |
| 16 | Acushnet ave., at junction of Weld street, | Jenks |

Taking out Nos. 2, 8, 11, 15 and 16, the remainder are of an antiquated pattern and are more or less worn out. I would recommend that Nos. 1, 3, 4, 5 and 6 be taken out the coming year and replaced by a modern pattern of fountain. In the case of the first three, a new location, near at hand, will probably be an improvement; and one fountain will be sufficient to replace Nos. 5 and 6.

The following tables present interesting statistics regarding the consumption of water:

## Monthly Consumption and Record of Pressure at the City Hall.

| 1902 Month | Monthly Consumption | Daily Average | Pounds Pressure 10 A. M. | | | Pounds Pressure Midnight | | |
|---|---|---|---|---|---|---|---|---|
| | Gallons | Gallons | Max. | Min. | Av. | Max. | Min. | Av. |
| January | 204,016,700 | 6,581,184 | 60 | 55 | 58 | 63 | 60 | 62 |
| February | 184,590,122 | 6,592,504 | 61 | 54 | 58 | 63 | 61 | 62 |
| March | 187,066,990 | 6,034,419 | 61 | 56 | 59 | 63 | 61 | 62 |
| April | 179,724,006 | 5,990,800 | 61 | 55 | 59 | 63 | 62 | 62 |
| May | 191,016,142 | 6,161,811 | 62 | 57 | 59 | 63 | 62 | 62 |
| June | 191,628,026 | 6,387,601 | 61 | 55 | 58 | 63 | 61 | 62 |
| July | 193,731,660 | 6,249,408 | 62 | 57 | 59 | 63 | 62 | 62 |
| August | 211,706,454 | 6,829,240 | 61 | 56 | 58 | 63 | 61 | 62 |
| September | 195,291,562 | 6,509,719 | 61 | 55 | 58 | 63 | 59 | 62 |
| October | 195,388,680 | 6,302,861 | 61 | 55 | 57 | 63 | 61 | 62 |
| November | 183,219,804 | 6,107,327 | 62 | 55 | 58 | 63 | 61 | 62 |
| December | 208,426,892 | 6,723,448 | 61 | 52 | 56 | 63 | 60 | 62 |
| Averages | 193,817,253 | 6,372,074 | 62 | 52 | 58 | 63 | 59 | 62 |

## Comparison of the Consumption of the Year 1902. With the Record of the 20 Previous Years.

| Year | Estimated population | Estimated number of consumers | Total number of gallons consumed | Average daily consumption | Number of taps | Gallons per day to each inhabitant | Gallons per day to each consumer | Gallons per day to each tap |
|---|---|---|---|---|---|---|---|---|
| 1882 | 28,500 | 20,424 | 859,119,622 | 2,326,352 | 4,203 | 82 | 114 | 553 |
| 1883 | 30,000 | 22,249 | 849,059,700 | 2,326,191 | 4,465 | 78 | 105 | 521 |
| 1884 | 33,000 | 23,749 | 867,815,595 | 2,371,080 | 4,691 | 72 | 100 | 506 |
| 1885 | 33,700 | 25,375 | 1,049,801,050 | 2,876,167 | 4,965 | 85 | 113 | 579 |
| 1886 | 34,500 | 28,480 | 1,086,534,615 | 2,976,807 | 5,225 | 86 | 104 | 569 |
| 1887 | 36,000 | 30,080 | 1,112,302,789 | 3,047,404 | 5,495 | 85 | 101 | 555 |
| 1888 | 37,500 | 31,826 | 1,229,841,794 | 3,360,223 | 5,785 | 89 | 109 | 581 |
| 1889 | 40,000 | 34,000 | 1,310,488,214 | 3,590,379 | 6,104 | 90 | 106 | 588 |
| 1890 | 41,500 | 35,740 | 1,485,143,213 | 4,066,200 | 6,394 | 98 | 114 | 636 |
| 1891 | 45,000 | 38,500 | 1,513,161,482 | 4,145,648 | 6,742 | 92 | 108 | 615 |
| 1892 | 50,000 | 41,776 | 1,607,955,166 | 4,393,320 | 7,134 | 88 | 105 | 616 |
| 1893 | 55,000 | 44,158 | 1,824,275,536 | 4,998,015 | 7,531 | 99 | 113 | 664 |
| 1894 | 56,000 | 44,661 | 1,747,167,532 | 4,786,760 | 7,767 | 85 | 107 | 616 |
| 1895 | 56,300 | 46,154 | 1,719,830,979 | 4,711,866 | 8,027 | 84 | 102 | 587 |
| 1896 | 59,000 | 48,570 | 1,924,800,313 | 5,259,017 | 8,447 | 89 | 108 | 623 |
| 1897 | 60,000 | 50,000 | 2,071,702,478 | 5,675,897 | 8,860 | 95 | 113 | 641 |
| 1898 | 58,000 | 50,000 | 2,156,277,643 | 5,907,610 | 9,014 | 102 | 118 | 655 |
| 1899 | 58,000 | 50,000 | 2,261,115,500 | 6,194,837 | 9,151 | 107 | 124 | 677 |
| 1900 | 62,500 | 55,000 | 2,306,997,774 | 6,320,542 | 9,280 | 101 | 115 | 681 |
| 1901 | 65,000 | 57,000 | 2,150,199,262 | 5,890,957 | 9,447 | 91 | 103 | 624 |
| 1902 | 70,000 | 61,000 | 2,325,807,038 | 6,372,074 | 9,612 | 91 | 104 | 663 |

The maximum daily consumption was, on Tuesday, Dec. 9th, 8,498,042 gallons. The minimum was, on Friday, May 30th, 4,408,566 gallons. The consumption has exceeded 8,000,000 gallons on two days; and 7,000,000 gallons on fifty-nine days. The consumption for the entire year was 2,325,807,038 gallons. This is an increase of 481,117 gallons in the daily average of the year.

The inference to be drawn from the figures just presented is that the amount daily wasted is upon the increase. We do not lack supply at the present time; but it costs good money to pump water that is wasted, and does no one any good. In the natural order of events, the time will come when we shall either have to cry halt, or obtain extended supply. Why not postpone the last named event to an indefinite period by vigorous action in the stopping of leaks?

The lavish use of water for all needed purposes is always to be encouraged. It is far better to allow an amount to waste than that any one should be deprived of an amount necessary for any proper use. With this proposition in view, let me present two demonstrated facts.

1st—The application of a meter to a dwelling in which unstinted use is made for every conceivable purpose, but where due care is exercised regarding the condition of fixtures, that no waste may exist, rarely returns a record that will call for the payment of an amount equal to that which the same taker has hitherto paid by schedule rates. In most of cases it is substantially less.

2nd—The application of a meter to the supply of a careless taker, who gives little or no concern regarding the condition of the plumbing, generally results in the record of an amount many times that called for by schedule rates. This will continue as long as this taker is allowed his supply by schedule rates. But the minute he commences to pay by the meter record, he suddenly becomes interested as to the care of his fixtures. It

rarely takes him more than one month to stop all waste to a point where the meter registers less than the equivalent by schedule rates. I say stop all waste; because it is wasted. A lavish use for all needed purposes being made in both cases.

There have been over two hundred meters installed this year. By whom were these purchased? In every instance it has been by a representative of the care-taking class. Not one has been purchased by a representative of the second class instanced; and they are the ones who really are responsible for the waste. In justice to the care taker, who is in the majority, it seems like discrimination to allow one careless taker to waste more water each day than is needed for the supply of perhaps a hundred families.

Respectfully submitted,

R. C. P. COGGESHALL,
Superintendent.

## Rainfall at Quittacas Pumping Station for 1902.

| Day. | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | .06 | | | .45 | | |
| 2 | | .65 | .20 | | | | | | | | | |
| 3 | .16 | | | | .15 | .72 | .28 | | | | | .33 |
| 4 | | | | | | | | .17 | .46 | | | |
| 5 | | | | .03 | .10 | | .02 | | | | | .81 |
| 6 | | | 1.50 | | .04 | | | .11 | | | .09 | |
| 7 | | | | | | .02 | | | .02 | 1.30 | | .17 |
| 8 | .24 | .05 | | | | | .10 | .04 | | | | |
| 9 | | | .84 | 1.22 | | | | | 1.11 | | | |
| 10 | | | | .03 | | .07 | | | | | | .05 |
| 11 | | | | .02 | | .13 | .22 | .54 | | | | |
| 12 | .37 | | | | | | | | | | .07 | .25 |
| 13 | | | | | | .31 | | | .64 | 1.08 | .03 | |
| 14 | | .03 | .05 | | | .12 | | | | | | |
| 15 | | | | | | .05 | .24 | | | .18 | | |
| 16 | | | | | | | | | | | | 1.38 |
| 17 | | | 1.60 | | | .47 | | | | | | |
| 18 | .06 | 1.16 | | | | | | | .06 | | | |
| 19 | | | .13 | | .23 | .15 | | .28 | | | .02 | |
| 20 | | | | | | | .80 | | | | | |
| 21 | | | .13 | .02 | | .88 | .03 | .04 | | | | |
| 22 | .62 | 1.96 | | | | | .27 | | .06 | | .26 | 1.17 |
| 23 | | | | | | | | | | .06 | | |
| 24 | | | | | | | | | | | .16 | |
| 25 | | | | | .19 | | | .03 | | | | .62 |
| 26 | | 1.05 | | .53 | | .82 | | | .05 | | | .11 |
| 27 | .73 | | | | .30 | | | .08 | .62 | | .65 | |
| 28 | | .98 | | | | | | | .63 | 1.71 | | |
| 29 | | | 1.66 | | | .36 | | | | | | .25 |
| 30 | .04 | | | 2.00 | .04 | | .04 | | | | .44 | |
| 31 | | | .16 | | | | | | | | | |
| Totals | 2.22 | 5.88 | 6.27 | 3.85 | 1.05 | 4.10 | 2.06 | 1.29 | 3.65 | 4 78 | 1.72 | 5.14 |

Total fall for the year, 42.01 inches.

## Rainfall at Acushnet Storing Reservoir for 1902.

| Day. | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | |
| 2 | | | | | | | | | | .43 | | |
| 3 | .13 | .65 | | | .19 | .17 | .30 | | | | | .41 |
| 4 | | | | | | | | | .61 | | | |
| 5 | | | | | | | | .13 | | | | 1.02 |
| 6 | | | 1.74 | | | | | | | 1.70 | | |
| 7 | | | | | | | | | | | | |
| 8 | .21 | | | | | | .20 | | | | | |
| 9 | | | .94 | | | | | | 1.08 | | | |
| 10 | | | | 1.63 | | | | | | | | |
| 11 | | | | | | | | .40 | | | | |
| 12 | .37 | | | | | | | | | 1.24 | | |
| 13 | | | | | | .27 | | | .67 | | | |
| 14 | | | | | | | | | | .08 | | 1.69 |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| 17 | | | 1.78 | | | .54 | | | | | | 1.44 |
| 18 | | 1.12 | | | .20 | | | | | | | |
| 19 | | | | | | | | .29 | | | .18 | |
| 20 | | | | | | | | | | | | |
| 21 | | | .34 | | | | | | | | | |
| 22 | | | | | | .86 | | | | | .25 | 1.16 |
| 23 | .37 | 1.55 | | | | | | | | | | |
| 24 | | | | | | | | | | | | |
| 25 | | | | .57 | .39 | | | | | | | .74 |
| 26 | | | | | | .55 | | | | | | |
| 27 | .77 | .95 | | | .36 | | | | 1.56 | | .81 | |
| 28 | | | | | | | | | | 1.46 | | .16 |
| 29 | | | 1.54 | | | .44 | | | | | | |
| 30 | | | | 1.93 | | | | | | | .40 | |
| 31 | | | | | | | | | | | | |
| Totals | 1.85 | 4.27 | 6.34 | 4.13 | 1.14 | 2.83 | .50 | .82 | 3.92 | 4.91 | 1.64 | 6.62 |

Total fall for the year, 38.97 inches.

# TABLE A.

## Statement of Work Done by Leavitt Engine A for Year ending December 1, 1902.

Diameter steam cylinders, 16 3-8 and 36 1-4 in.
Diameter pump plungers, 13 7-10 and 19 3-8 in.
Stroke of pistons and pump plungers, 90 in.

Average working steam pressure, 185 lbs.
Average static head, 167.78 lbs.

| Months. | Number of days or parts of days pumping. | Total pumping time per month. H. | Total pumping time per month. M. | Total number of strokes per month. | Average number of strokes per minute. | Total fuel used for all purposes. LBS. | Total number of gallons pumped per month, allowance being made for slip. | Number of gallons pumped per pound of coal, for total coal. | Number of gallons raised 100 feet per pound of coal for total coal. | Average dynamic head against pump in feet, no allowance for friction in suction. | Average duty in pounds raised one foot high per 100 pounds of coal, calculated on total fuel used for all purposes, no deductions. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| December, 1901 | | | | | | | | | | | |
| January, 1902 | | | | | | | | | | | |
| February, " | | | | | | | | | | | |
| March, " | | | | | | | | | | | |
| April, " | | | | | | | | | | | |
| May, " | 6 | 102 | 40 | 194,911 | 31.6 | 49,875 | 43,270,242 | 868 | 1,619 | 186.50 | 134,942,891 |
| June, " | 25 | 444 | 40 | 851,483 | 31.9 | 215,000 | 189,029,226 | 879 | 1,644 | 187.08 | 137,131,312 |
| July, " | 26 | 452 | 05 | 865,980 | 31.9 | 219,175 | 192,247,560 | 877 | 1,664 | 188.44 | 137,850,697 |
| August, " | 28 | 485 | 25 | 932,807 | 32.0 | 234,550 | 207,083,154 | 883 | 1,671 | 189.19 | 139,307,199 |
| September, " | 25 | 456 | 15 | 876,371 | 32.0 | 224,025 | 194,554,362 | 869 | 1,649 | 189.78 | 137,455,138 |
| October, " | 27 | 470 | 20 | 903,440 | 32.0 | 238,875 | 200,563,680 | 840 | 1,586 | 188.77 | 132,184,525 |
| November, " | 25 | 429 | 15 | 818,632 | 31.8 | 216,000 | 181,736,304 | 841 | 1,587 | 188.64 | 132,404,540 |
| Totals and Avgs. | 162 | 2840 | 40 | 5,443,624 | 31.9 | 1,397,500 | 1,208,484,528 | 865 | 1,651 | 188.59 | 136,010,986 |

The duty is based on total fuel used for all purposes. This includes banking fires, starting, heating building, running shop engine during day and electric light engine at night. No deduction for ashes, moisture in coal or anything else.

# TABLE A.

## Statement of Work Done by Leavitt Engine B for Year ending December 1, 1902.

Diameter steam cylinders, 16 3-8 and 36 1-4 in.
Diameter pump plungers, 13 7-10 and 19 3-8 in.
Stroke of pistons and pump plungers, 90 in.

Average working steam pressure, 185 lbs.
Average static head, 166.74 lbs.

| Months. | Number of days or parts of days pumping. | Total pumping time per month. H. M. | Total number of strokes per month. | Average number of strokes per minute. | Total coal used for all purposes. LBS. | Total number of gallons pumped per month, allowance being made for slip. | Number of gallons pumped per pound of coal, for total coal. | Number of gallons raised 100 feet per pound of coal for total coal. | Average dynamic head against pump in feet; no allowance for friction in suction. | Average duty in pounds raised one foot high per 100 pounds of coal; calculated on total fuel used for all purposes; no deductions. |
|---|---|---|---|---|---|---|---|---|---|---|
| December, 1901 | 26 | 446 50 | 858,022 | 32.0 | 263,150 | 190,480,884 | 724 | 1,360 | 187.87 | 113,415,264 |
| January, 1902 | 28 | 486 15 | 933,200 | 32.0 | 272,775 | 207,170,400 | 759 | 1,424 | 187.70 | 118,892,227 |
| February, | 24 | 432 55 | 830,651 | 32.0 | 243,725 | 184,404,522 | 757 | 1,421 | 187.77 | 118,485,101 |
| March, | 26 | 438 10 | 830,945 | 31.6 | 241,208 | 184,469,790 | 765 | 1,432 | 187.15 | 119,368,001 |
| April, | 26 | 436 20 | 817,923 | 31.2 | 216,050 | 181,578,906 | 840 | 1,574 | 187.35 | 131,320,000 |
| May, | 21 | 354 35 | 678,900 | 31.9 | 172,650 | 150,715,800 | 873 | 1,626 | 186.20 | 135,561,988 |
| June, | | | | | | | | | | |
| July, | | | | | | | | | | |
| August, | | | | | | | | | | |
| September, | | | | | | | | | | |
| October, | | | | | | | | | | |
| November, | | | | | | | | | | |
| Totals and Avgs. | 151 | 2595 05 | 4,949,641 | 31.8 | 1,409,558 | 1,098,820,302 | 780 | 1,463 | 187.55 | 121,934,568 |

The duty is based on total fuel used for all purposes. This includes banking fires, starting, heating building, running shop engine during day and electric light engine at night. No deduction for ashes, moisture in coal or anything else.

## TABLE B.

### Location and Size of Cast Iron Main Pipe Laid in 1902.

| Location. | 12 in. | 10 in. | 8 in. | 6 in. | 4 in. |
|---|---|---|---|---|---|
| Abbott st., from 520 feet south of East French ave., south to Ruth st. | | | | 36 | |
| Allen st., from Short to 184 feet east of Rural st. | | 750 | | | |
| Ashley st., from Ruth st. north. | | | | 38 | |
| Bay st., from 156 feet east of Cottage to Dartmouth. | | | | 187 | |
| Belleville ave., from Deane st. to Phillips ave. | 646 | | | | |
| Bridge, (siphon), from terminus in 1898 west to east end of pipe, Fish Island. | | | | 13 | |
| Bridge st., from 207 feet east of Front st. to siphon east side Fish Island. | | | | 861 | |
| Briggs st., from Rivet st. north. | | | | 329 | |
| Bullard st., from Bowditch st. west. | | | | 96 | |
| Chancery st., from Sycamore to Smith sts. | | | | 280 | |
| Church st., from Hathaway st. north. | | | 1608 | | |
| Clark st., from 221 feet west of County to Reynolds. | | | | 194 | |
| Cleveland st. from 681 feet south of Cove to Ruth st. | | | | 40 | |
| Clover st. from Allen st. south. | | | | 213 | |
| Coffin st., from Water st. east. | | | | 14 | |
| Collette st., from Front st. east. | | | | 141 | |
| Cottage st., from 94 feet south of Austin to Willow. | | | | 137 | |
| Davis st., from 821 feet east of Acushnet ave. to Belleville ave. | | | | 685 | |
| Davis st., from 6 feet west of Bowditch st. west. | | | | 372 | |
| Division st. from 133 feet west of Second st. west. | | | | 24 | |
| Earle st., from Riverside ave. west. | | | | 22 | |
| East French ave., from 813 feet south of Cove st. to Ruth st. | 64 | | | | |
| Front st., from Whitman st. south. | | | | 82 | |
| Front st., from Phillips ave. south. | | | | 113 | |
| Front st., from 72 ft. south of Deane to Bullard st. | | | | 164 | |
| Front st., from 16 ft. south of north line Rodman st. north. | | | 10 | | |
| Harrison ave., from Ruth st. north. | | | | 38 | |
| Hathaway st., from 145 ft. east of Acushnet ave. east. | | | | 602 | |

## TABLE B. (*Continued*).

| Location. | 12 in. | 10 in. | 8 in. | 6 in. | 4 in. |
|---|---|---|---|---|---|
| Hemlock st., from Thompson st. south. | | | | 131 | |
| Holly st , from Acushnet ave. west. | | | | 160 | |
| Jenney Lind st., from 5 feet south of Hillman st. north. | | | | 750 | |
| Kenyon st., from 509 ft. west of Front st. to Acushnet ave. | | | | 285 | |
| Leonard st., from Water st. east. | | | | 242 | |
| Lucas st., from 211 ft. west of Brock ave. west. | | | | 60 | |
| Manomet st., from Riverside ave. east. | | 215 | | | |
| Maxfield st., from Park st. west. | | | 126 | | |
| Maxfield st., from 83 ft. east of Rockdale ave. east. | | | 332 | | |
| McGurk st., from Brock ave. to Ruth st. | | 85 | | | |
| Middle st., from Water to Front st. | | | 281 | | |
| Newton st., from 100 ft. north of Court st. north. | | | | 56 | |
| North st., from Water st. main west. | | 9 | | | |
| North st., from 159 ft. west of Florence to Hunter st. | | | | | 180 |
| Park st., from 289 ft. north of Hillman to Maxfield st. | | | 47 | | |
| Phillips ave., from Belleville ave. to Riverside ave. | | 921 | | | |
| Phillips ave., from Acushnet ave. west. | | | | 157 | |
| Riverside ave., from Davis to Manomet st. | | 347 | | | |
| Rockdale ave., from 167 ft. north of Milton st. north. | | | 632 | | |
| Ruth st., from McGurk st. to East French ave. | | 1836 | | | |
| Salisbury st., from 598 ft. south of Cove st. south. | | | | 110 | |
| Scott st., from 325 ft. west of County st. west. | | | | 169 | |
| Sisson st., from 146 ft. south of Union st. south. | | | | 320 | |
| Studley st., from 95 ft. east of Ashland st. east. | | | | 52 | |
| Union st., from Front st. east. | | | | 136 | |
| Valentine st., from 188 ft. west of Brock ave. west. | | | | 791 | |
| Viall st., from 576 ft. south of Cove st. to Ruth st. | | | | 199 | |

TABLE B. (*Continued*).

| Location. | 12 in. | 10 in. | 8 in. | 6 in. | 4 in. |
|---|---|---|---|---|---|
| Water st., from 60 ft. south of Middle to North st. | | 871 | | | |
| Willard st., from 364 ft. west of Brock ave. west. | | | | 659 | |
| Willow st., from 12 ft. west of Cedar st. west. | | | | 213 | |
| Woodlawn st., from 636 ft. west of Brock ave. west. | | | | 302 | |
| Totals, | 710 | 5034 | 3036 | 9473 | 180 |

## Cast Iron Pipe Removed in 1902.

| Location. | 10 in. | 6 in. | 4 in. |
|---|---|---|---|
| Belleville ave., from Deane st. to Phillips ave. | 646 | | |
| Coffin st., from Water st. east. | | | 14 |
| Front st., from 16 ft. south of north line Rodman north. | | 10 | |
| McGurk st., from Brock ave. to Ruth st. | | 85 | |
| Middle st., from Water to Front st. | | 280 | |
| North st., from Water st. main west. | | 9 | |
| Phillips ave., from Riverside ave. west. | | 204 | |
| Rodman st., from Front st. east. | | | 213 |
| Taber's wharf, from 16 ft. east of east line Front st. east. | | | 175 |
| Water st., from 60 ft. south of Middle st. to North st. | | 871 | |
| Totals, | 646 | 1459 | 402 |

## SUMMARY.

### Pipe Laid and Removed.

| | 36 inch. | 30 inch. | 24 inch. | 20 inch. | 16 inch. | 12 inch. | 10 inch. | 8 inch. | 6 inch. | 4 inch. |
|---|---|---|---|---|---|---|---|---|---|---|
| Previous to 1902, | 21,532 | 6,657 | 7,529 | 11,290 | 29,616 | 19,763 | 36,575 | 109,925 | 173,643 | 84,470 |
| Laid in 1902, | | | | | | 710 | 5,034 | 3,036 | 9,473 | 180 |
| Total laid, | 21,532 | 6,657 | 7,529 | 11,290 | 29,616 | 20,473 | 41,609 | 112,961 | 183,116 | 84,650 |
| Removed in 1902, | | | | | | | 646 | | 1,459 | 402 |
| Total now in use, | 21,532 | 6,657 | 7,529 | 11,290 | 29,616 | 20,473 | 40,963 | 112,961 | 181,657 | 84,248 |

Total length laid in 1902, 18,433 feet, or 3.4911 miles.
Total length removed in 1902, 2,507 feet, or .4748 miles.
Total length of pipe in use Dec. 1, 1902, 516,926 feet, or 97.9027 miles.

## TABLE C.

### Location and Size of Small Sized Distribution Pipe Laid in 1902.

Fish Island, from bridge south 186 ft. and east 81 ft.
267 ft., 3 in. cast iron.

REMOVED.

| Location. | 3 in. cast iron | 2 in. lead |
|---|---|---|
| Bridge st , from 83 feet east of west line Fish Island east, | 321 | |
| Fish Island, from siphon to Bridge st., | 406 | |
| Siphon, from Bridge abutment to Fish Island, | | 245 |
| Totals, | 727 | 245 |

| | | |
|---|---|---|
| Laid previous to 1902, | 6,345 ft. | |
| Removed in 1902, | 972 ft. | |
| | 5,373 | |
| Laid in 1902, | 267 ft. | |
| Total length in use Dec. 1st, 1902, | 5,640 ft. | or 1.0682 miles. |

## TABLE D.

### Location and Size of Stop Gates Set in 1902.

| Location. | 12 in. | 10 in. | 8 in. | 6 in. | 4 in. |
|---|---|---|---|---|---|
| Abbott st., north side Ruth st. | | | | 1 | |
| Acushnet ave., south side Seneca st. | | | | 1 | |
| Allen st., east side Brigham st. | | 1 | | | |
| Ashley st., north side Ruth st. | | | | 1 | |
| Bay st., west side Dartmouth st. | | | | 1 | |
| Belleville ave., north side Dean st. | 1 | | | | |
| Belleville ave., south side Phillips ave. | 1 | | | | |
| Belleville ave., north side Phillips ave. | | 1 | | | |
| Bridge st., at hydrant east of Front st. | | | | 1 | |
| Bridge, east side Fish Island | | | | 1 | |
| Briggs st., north side Rivet st. | | | | 1 | |
| Bullard st., west side Bowditch st. | | | | 1 | |
| Chancery st , south side Smith st. | | | | 1 | |
| Church st., south side Nash road | | | 1 | | |
| Church st., north side Nash road | | | 1 | | |
| Cleveland st., north side Ruth st. | | | | 1 | |
| Clover st., south side Allen st. | | | | 1 | |
| Collette st., east side Front st. | | | | 1 | |
| Davis st., west side Belleville ave. | | | | 1 | |
| Davis st., west side Bowditch st. | | | | 1 | |
| Earle st., west side Riverside ave. | | | | 1 | |
| Fish Island, south side bridge | | | | | 1 |
| Front st., north side Rodman | | | 2 | | |
| Front st., north side Nye st. | | | | 1 | |
| Harrison ave., north side Ruth st. | | | | 1 | |
| Hathaway st., east side Front st. | | | | 1 | |
| Holly st., west side Acushnet ave. | | | | 1 | |
| Kenyon st., east side Acushnet ave. | | | | 1 | |
| Leonard st., east side Water st. | | | | 1 | |
| Manomet st., east side Riverside ave. | | 1 | | | |
| Maxfield st., west side Park st. | | | 1 | | |
| McGurk st., north side Ruth st. | | | | 1 | |
| Middle st , west side Front st. | | | 1 | | |
| Middle st., east side Water st. | | | 1 | | |
| North st , east side Hunter st. | | | | | 1 |
| Phillips ave., west side Riverside ave. | | 1 | | | |
| Phillips ave., east side Belleville ave. | | 1 | | | |
| Phillips ave., west side Acushnet ave. | | | | 1 | |
| Riverside ave., south side Davis st. | | 1 | | | |
| Riverside ave., north side Davis st. | | 1 | | | |
| Rockdale ave., south side Grant st. | | | 1 | | |
| Ruth st., east side McGurk st. | | 1 | | | |
| Ruth st., east side Abbott st. | | 2 | | | |
| Ruth st., west side East French ave. | | 1 | | | |
| Salisbury st., north side Ruth st. | | | | 1 | |

TABLE D. *Continued.*

| LOCATION. | 12 in. | 10 in. | 8 in. | 6 in. | 4 in. |
|---|---|---|---|---|---|
| Sears ct., at hydrant southwest corner Purchase st. | | | | | 1 |
| Union st., east side Front st. | | | | 1 | |
| Viall st., north side Ruth st. | | | | 1 | |
| Water st , south side Middle st. | | 1 | | | |
| Water st., north side Middle st. | | 1 | | | |
| Water st.,north side North st. | | | | 1 | |
| Totals | 2 | 13 | 8 | 27 | 3 |

## Stop Gates Removed in 1902.

| Location. | 10 in. | 6 in. | 4 in. |
|---|---|---|---|
| Belleville ave., north side Dean st. | 1 | | |
| Belleville ave., north side Coffin ave. | 1 | | |
| McGurk st., north side Brock ave. | | 1 | |
| Middle st., east side Water st. | | 1 | |
| Middle st., west side Front st. | | 1 | |
| Phillips ave., west side Riverside ave. | | 1 | |
| Rodman st., east side Front st. | | | 1 |
| Water st., south side Middle st. | | 1 | |
| Totals | 2 | 5 | 1 |

| | |
|---|---|
| Number of stop gates set in 1902, | 53 |
| Number removed, | 8 |
| To be added, | 45 |
| Number in use at date of last report, | 1,092 |
| Number in use Dec. 1st, 1902 | 1,137 |

## TABLE E.

### Small Sized Stop Gates Removed in 1902.

| Location. | 3 in. | 2 in. |
|---|---|---|
| Bridge, Fish Island, for club house, | 1 | |
| Fish Island at end of siphon, | | 1 |
| Totals | 1 | 1 |

| | |
|---|---|
| Number in use at date of last report, | 80 |
| Number removed in 1902, | 2 |
| Number in use, Dec. 1, 1902 | 78 |

## TABLE F.

### Private Stop Gates Set in 1902.

| Location. | 10 in. | 8 in. | 6 in. | 4 in. | 3 in. | 2 in. |
|---|---|---|---|---|---|---|
| Acushnet ave., at N. Y., N. H. & H. R. R. cotton shed, | | | | 1 | | |
| Bridge, (Fish Island,) at D. Duff & Son, | | | | 1 | | |
| Brock ave., at Hazelwood Park, | | | | | 1 | |
| Coffin ave., at Whitman Mill, No. 2, | | | | | | 1 |
| Court st., at Buttonwood Park, | | | | | | 1 |
| Cove st., at Dartmouth Manf'g. Corp., | | 1 | | | | |
| Front st., at Rotch's Wharf, | | | | 1 | | |
| Front st., at J. C. Rhodes & Co., | | | 1 | | | |
| Manomet st., at Whitman Mills, | | 1 | | | | |
| Parker st., at schoolhouse, | | | | | | 1 |
| Ruth st., at Butler Mill, | 1 | | | | | |
| Union st., at Taber's Wharf, | | | | 1 | | |
| Totals | 1 | 2 | 1 | 4 | 1 | 3 |

| | |
|---|---|
| Number set in 1902, | 12 |
| Number in use at date of last report, | 216 |
| Number in use, Dec. 1, 1902, | 228 |

## TABLE G.

### Location of Hydrants Set in 1902.

Allen street, southwest corner of Clover.
Arnold street southeast corner Atlantic.
Bridge street, south side, 200 feet east of Front.
Bridge street, south side on Fish Island.
Briggs street, west side, 303 feet north of Rivet.
Church street, southwest corner Nash road.
Church street, west side, 300 feet north of Belleville road.
Crapo street, west side, 224 feet south of Rockland.
Davis street, south side, 377 feet west of Bowditch.
Earle street, southwest corner Riverside ave.
Front street, southwest corner Whitman.
Hathaway street, southwest corner Front.
Hathaway street, south side, 260 feet east of Front.
Jenney Lind street, west side, 1167 feet north of Kempton.
Kenyon street, south side, 378 feet west of Front.
Leonard street, south side, 216 feet east of Water. Flush.
Lucas street, south side, 275 feet west of Brock ave.
Maxfield street, south side, 23 feet west of Beech.
Middle street southwest corner of Water.
Park street, southwest corner Maxfield.
Riverside ave., west side, opposite Manomet.
Rockdale ave., west side, 128 feet north of Lexington.
Rockdale ave., southwest corner Grant.
Salisbury street, northwest corner Ruth.
Scott street, south side, 494 feet west of County.
Sears court, southwest corner Purchase. Flush.
Sisson street, west side, 142 feet north of Arnold.
Valentine street, south side, 621 feet west of Brock ave.
Valentine street, west side, 142 feet east of West French ave.
Viall street, northwest corner Ruth.
Wall street, southeast corner Acushnet ave.
Water street, northwest corner High.
Willard street, south side, 101 feet east of West French ave.
Willard street, south side, 560 feet west of Brock ave.
Willow street, south side, 225 feet west of Cedar.
Woodlawn street, south side, 134 feet east of West French ave.

REMOVED.

Acushnet ave., west side head of Wall street. Post.
Allen street, southeast corner Devoll. Post.
Arnold street southeast corner Atlantic. Flush.
Cottage street, west side, 92 feet south of Austin. Post.
Crapo street, west side, 225 feet south of Rockland. Flush.
Hathaway street, south side, 144 feet east of Acushnet ave. Post.
Kenyon street, south side, 509 feet west of Front. Post.
Lucas street, south side, 214 feet west of Brock ave. Post.
Maxfield street, south side, 82 feet east of Rockdale ave. Post.
Park street, west side, 27 feet south of Maxfield street. Post.
Salisbury street, west side, 598 feet south of Cove street. Post.
Scott street, west side, 325 feet west of County. Post.
Valentine street, south side, 187 feet west of Brock ave. Post.
Viall street, west side 576 feet south of Cove. Post.
Water street, northwest corner Middle. Post.
Water street, west side, 258 feet south of North. Flush.
Willard street, south side, 364 feet west of Brock ave. Post.

| | |
|---|---|
| Number set during 1902, | 36 |
| Number removed during 1902, | 17 |
| Number to be added, | 19 |
| Number in use at date of last report, | 750 |
| Number in use, Dec. 1, 1902, | 769 |

## TABLE H.

### Statement of Work Done By The Service Department for the Year Ending Dec. 1, 1902.

| Kind and Size. | Number of Services. | Length on Taker. | Length on City. |
|---|---|---|---|
| Lead pipe, ½ inch heavy, | 33 | 591 | 754 |
| Lead pipe, ⅝ inch heavy, | 86 | 1591.5 | 1943.5 |
| Lead pipe ⅝ inch light, | 46 | 648 | 980 |
| Lead pipe, ¾ inch heavy, | 3 | 41.5 | 63 |
| Lead pipe, ¾ inch light, | 30 | 417.5 | 587.5 |
| Lead pipe, 1 inch heavy, | 2 | 118 | 63 |
| Cast iron pipe, 2 inch, | 4 | 682.5 | |
| Cast iron pipe, 3 inch, | 1 | 1082.5 | |
| Cast iron pipe, 4 inch, | 4 | 562 | |
| Cast iron pipe, 6 inch, | 1 | 75 | |
| Cast iron pipe, 8 inch, | 2 | 46 | |
| Cast iron pipe, 10 inch, | 1 | 19.5 | |
| Totals, | 213 | 5875.0 | 4391.0 |

One ½ inch heavy lead service has been removed and replaced by ⅝ inch heavy lead.

One ⅝ inch light lead service has been removed and replaced by ¾ inch light lead.

One 1¼ inch wrought iron service has been removed and replaced by 1 inch heavy lead.

One ¾ inch tin lined service has been removed and replaced by ¾ inch light lead.

One ¾ inch heavy lead service has been removed and replaced by 1 inch heavy lead.

One ⅝ inch iron service has been removed and replaced by ¾ inch light lead.

One ¾ inch light lead service has been removed and replaced by 1 inch light lead.

One ⅝ inch iron service has been removed and replaced by ⅝ inch heavy lead.

Nine connections to services previously laid have been made by owners.

One extension of service previously laid has been made by the city, using 127 feet of ⅝ inch heavy and 11 feet of ½ inch heavy lead pipe.

One 3 inch wrought iron, two 2 inch wrought iron, one 1½ inch wrought iron, one 1 inch wrought iron, one ½ inch tin lined, one 1 inch light, four ¾ inch heavy, twenty ⅝ inch heavy, and seventeen ½ inch heavy lead service have been removed.

Length of service pipe laid during the year, 10,266 feet or 1.9443 miles.

Total number of services in use, Dec. 1, 1902, 9,612.

# TABLE I.

## Air Taps in Use December 1, 1902.

| Location. | Size. |
|---|---|
| Ashland street, southeast corner Linden | ¾ inch |
| Bridge, in gate box west side Pope's Island | ⅝ " |
| Cedar street, west side. north Maitland | 1 " |
| Cedar Grove street, southeast corner State | ¾ " |
| County street, west side, north of Locust | ¾ " |
| County street, southwest corner Hillman | ¾ " |
| County street, west side, north of Kempton | ¾ " |
| County street, southwest corner Morgan | ¾ " |
| County street, west side, head of Spring | 1 " |
| County street, west side, south of Bedford | 1 " |
| Dean street, southwest corner Purchase | ¾ " |
| Durfee street, south side, west of Cottage | 1 " |
| Elm street, south side, east of County | ¾ " |
| Grant street, south side, east of Mt. Pleasant st., 366 feet | 1 " |
| Hillman street, south side, east of County | ¾ " |
| Kempton street, south side, east of County | ¾ " |
| Middle street, south side, east of County | ¾ " |
| Morgan street, south side, west of County st., 137 feet | ⅝ " |
| Mt. Pleasant street, west side north of King's Highway | 1 " |
| Mt. Pleasant street, west side, north of Nash road | 1 " |
| Mt. Pleasant street, north side gate box No. 40, south of Peckham street | ¾ " |
| Mt. Pleasant street, south side gate box No. 40, south of Peckham street | ¾ " |
| Mt. Pleasant street, east side gate box No. 41 | ⅝ " |
| Mt. Pleasant street, south side gate box No. 42, south of Peckham street | ¾ " |
| Mt. Pleasant street, north side Durfee, in 30 inch gate box | ¾ ,, |
| Mt. Pleasant street, north side Durfee, in 24 inch gate box | ¾ " |
| North street, south side east of County | ¾ " |
| Peckham street, east side Mt. Pleasant, in 16 inch gate box, No 31 | ¾ " |
| Plainville road, south side, east of Shawmut ave., 3,744 feet | 1 " |
| Plainville road, south side, east of Shawmut ave., 5,734 feet | 1 " |
| Pleasant street, west side, north of Maxfield | 1 " |
| Pleasant street, west side, south of Hillman | 1 " |
| Pleasant street, west side north of Kempton | 1 " |

| | | |
|---|---|---|
| Pleasant street, west side, south of Kempton | 1 | inch. |
| Purchase ave., in gate box west side Purchase street | 1 | " |
| Purchase street, north side Coggeshall st., in 24 inch gate box | ¾ | " |
| Purchase street, southwest corner Cedar Grove street | ¾ | " |
| Purchase street south side Merrimac, north side gate, | ¾ | " |
| Purchase street south side Merrimac, south side gate, | ¾ | " |
| Sixth street, west side, north of Spring | 1 | " |
| Sixth street, west side, south of Walnut | 1 | " |
| Sixth street, west side, south of Bedford | 1 | " |
| State street, west side, north of Austin | 1 | " |
| State street, west side, north of Franklin | 1 | " |
| Union street south side, east of County | 1 | " |
| William street, south side, east of County | ¾ | " |
| Woodlawn street, south side, 377 feet west of Brock ave. | ⅝ | " |
| At High Hill reservoir, east side | 1 | " |
| At High Hill reservoir, south side | 1 | " |
| Total number in use | 49 | |

# TABLE J.

## Watering Cart Hydrants.

Acushnet avenue, west side, 4.5 feet north from north line Belleville road.
Acushnet avenue, west side, 13.5 feet north from north line Howard avenue.
Acushnet avenue west side, 11.9 feet south from south line Tarklin Hill road.
Acushnet avenue west side. 3,741.2 feet north from north line Tarklin Hill road.
Allen street, north side, 154 feet east of Page.
Arnold street south side, opposite Arnold Place.
Bedford street, south side, 86 feet west of Fourth.
Blackmer street, northeast corner Water street.
Bonney street, southwest corner of Grinnell.
Butler street, south side, 13 feet east of Brock avenue.
Campbell street, south side, 87 feet west of Purchase.
Campbell street, south side, 19 feet west of Cottage.
Cedar Grove street, south side, 63 feet east of Acushnet avenue.
Coffin avenue, south side, 16.5 feet west of Acushnet avenue.
Commercial street, south side, 20.2 feet east of Water.
County street, west side, 32.2 feet north of Allen.
Court street, north side' 15 feet east of Ash.
Cove road, southwest corner West French avenue.
Dartmouth street, east side, 13 feet south of Oak.
Elm street, south side, 57.4 feet west of Purchase.
First street, west side, 118 feet south of School
First street, west side, 28 feet south of Grinuell.
Grinnell street, south side 31 feet east of County.
Hawthorn street, south side, 17 feet east of Cottage.
Hawthorn street, head of Tremont.
Hazard street, south side, 21 feet west of Purchase.
Kempton street, south side, 72 feet west of County.
Kempton street, south side, 102 feet east of Newton.
Kempton street southwest corner of Rockdale avenue.
Linden street, south side, 30 feet west of Purchase.
Locust street, south side, 25 feet west of County.
Madison street south side, 17 feet east of Fourth.
Madison street, south side 39 feet west of County.
Maxfield street, south side, 84 feet west of State.
Mill street, southwest corner of Purchase.
Mt. Pleasant street, west side, 39 feet south of Tarklin Hill road.

Mt. Pleasant street, west side 344 feet north of Nash road.
Mt. Vernon street, south side, 14 feet west of Mt. Pleasant.
Plainville road, south side, 1,146 feet east of Shawmut avenue.
Poplar road north side, 32 feet west of Bolton road.
Reynolds street, west side, 8 feet north of Linden.
Robeson street, south side, 38 feet west of Cedar.
Sawyer street, north side, 419.8 feet east of Mitchell.
Smith street, south side, 53 feet east of Park.
Spring street, north side, 45.2 feet east of Seventh.
Summer street, west side, 4 feet north of Hillman.
Sycamore street, south side, 77 feet west of County.
Thompson street, south side, 40.4 feet east of Crapo.
Union street, south side, 65 feet west of County.
William street, south side, 27 feet east of Second.
Willis street, south side, 7.5 feet east of Acushnet avenue.

Number now in use, 51

# TABLE K.

## Location of Hydrants.

Abbott street, northwest corner Ruth avenue.....
Acushnet av, west side, north of Tarkiln Hill road, 3743.2 feet.
Acushnet av, west side, north of Tarkiln Hill road, 2986.7 feet.
Acushnet av, west side, north of Tarkiln Hill road, 2392.7 feet.
Acushnet av, west side, north of Tarkiln Hill road, 1783.3 feet.
Acushnet av, west side, north of Tarkiln Hill road, 1195.3 feet.
Acushnet av, west side, north of Tarkiln Hill road, 542 feet...
Acushnet av, southwest corner Tarkiln Hill road.....
Acushnet av, west side, south of Tarkiln Hill road 500 feet...
Acushnet av, west side, south of Tarkiln Hill road, 997 feet...
Acushnet av, west side, north of Howard avenue, 600 feet. ...
Acushnet av, west side, north of Howard avenue 6 feet.....
Acushnet av, west side, south of Howard avenue, 601 feet.....
Acushnet av, west side, north of Shaw, 610 feet.....
Acushnet av, northwest corner of Shaw.....
Acushnet av, west side, north of Belleville road, 603.5 feet....
Acushnet av, west side, head of Belleville road.....
Acushnet av, northwest corner of Nash road.....
Acushnet av, northwest corner of Hathaway avenue.....
Acushnet av, northwest corner of Davis.....
Acushnet av, southwest corner of Phillips avenue.....
Acushnet av, southwest corner of Dean.....
Acushnet av, west side, north of Sawyer, 574.5 feet.....
Acushnet av, southwest corner of Coggeshall.....
Acushnet av, southwest corner of Cedar Grove.....
Acushnet av, northwest corner of Logan.....
Acushnet av, west side, south of Logan, 335 feet.....
Acushnet av, west side, north of Wamsetta, 514 feet.....
Acushnet av, west side, north of Wamsutta, 372 feet.....
Acushnet av, west side, south of Wamsutta, 255 feet. Flush..
Acushnet av, southeast corner of Pope. Flush.....
Acushnet av, west side, south of Campbell, 179 feet. Flush..
Acushnet av, northwest corner of Maxfield. Flush.....
Acushnet av, northwest corner of Kempton. Flush.....
Acushnet av, northeast corner of Elm. Flush.....
Acushnet av, northwest corner of William.....
Acushnet av, northwest corner of School.....

Acushnet av, northwest corner of Madison
Acushnet av, northwest corner of Russell
Acushnet av, northwest corner of Bedford
Acushnet av, west side, opposite Howland. Flush
Acushnet av, northwest corner of Potomska
Acushnet av, west side, north of Rivet, 98 feet
Acushnet av, southwest corner of Blackmer. Flush
Adams street, south side, west of County, 538.3 feet
Allen street, south side, west of Rural, 445 feet
Allen street, southwest corner of Clover
Allen street, southwest corner of Page
Allen street, north side, east of Page, 159 feet. Flush
Allen street, northwest corner of Ward. Flush
Arch street, southwest corner of Union. Flush
Armour street, southwest corner of Union
Arnold place, west side, south of Rotch court, 38.3 feet
Arnold street, south side, west of Orchard, 96 feet
Arnold street, southwest corner of Chancery. Flush
Arnold street, southeast corner of Atlantic
Arnold street, south side, west of James, 15.3 feet
Ash street, northwest corner of Middle
Ash street, southwest corner of Morgan
Ash street, northwest corner of Arnold. Flush
Ash street, northwest corner Maple. Flush
Ash street, northwest corner of Bedford
Ashland street, southwest corner of Clark
Ashley street, west side, south of Cove (west), 222.2 feet
Atlantic street, northwest corner of Maple
Atlantic street, southwest corner of Union
Austin street, southwest corner of Purchase
Austin street, southeast corner of State
Austin street, southwest corner of Ashland
Austin street, southeast corner of Cedar
Austin street, south side, on west line of Wilson
Austin street, southeast corner of Shawmut avenue
Austin street, south side, west of Shawmut avenue, 108 feet
Babbitt street, south side, west of Dartmouth, 207.5 feet
Babbitt street, southeast corner of Field
Bedford street, southwest corner of Fourth
Bedford street, southwest corner of Fifth
Bedford street, southwest corner of County
Bedford street, southwest corner of Orchard
Beech street, northwest corner of Kempton

Beetle street, southwest corner of Howard .....
Beetle street, southeast corner of Front .....
Belleville avenue, southwest corner of Washburn .....
Belleville avenue, west side, north of Washburn, 118 feet.....
Belleville avenue, northwest corner of Cedar Grove .....
Belleville avenue, west side, north of Coggeshall, 134 feet ....
Belleville avenue, northwest corner of Beetle .....
Belleville avenue, southwest corner of Plummer avenue .....
Belleville road, southwest corner of Diman .....
Belleville road, south side, east of Acushnet avenue, 1392 feet.
Blackmer street, south side, east of Front, 284 feet .....
Blackmer street, south side, east of Front, 575 feet .....
Blackmer street, south side, east of Front, 738 feet .....
Blackmer street, south side, east of Front, 904 feet .....
Bolton road, west side, north of Rivet, 370 feet .....
Bolton road, west side, north of Rotch Mill No. 2 .....
Bolton road, west side, south of Rotch Mill No. 2 .....
Bolton road, west side, south of Rivet, 1027 feet.....
Bolton road, northwest corner of Poplar road .....
Bonney street, southwest corner of Allen .....
Bonney street, northwest corner of Grinnell .....
Bonney street, northwest corner of Rockland .....
Bonney street, southwest corner of Thompson .....
Borden street, northwest corner of Bedford .....
Borden street, southwest corner of Bay .....
Bowditch street, southwest corner of Weld .....
Bowditch street, west side, south of Cedar Grove, 313 feet ....
Bowditch street, west side, north of Cedar Grove, 244 feet ....
Bowditch street, northwest corner of Coggeshall .....
Bowditch street, southwest corner of Dean .....
Bowditch street, southwest corner of Coffin avenue.....
Bowditch street, west side, north of Coffin avenue, 358 feet...
Bowditch street, southwest corner of Davis .....
Bowditch street, southwest corner Hathaway avenue.....
Bridge street, north side, east from west line of Popes Island Manufacturing Co. building, 483.4 feet. Flush .....
Bridge street, north side, east from west line of Popes Island Manufacturing Co. building, 215.7 feet. Flush .....
Bridge street, south side, west from west line of Popes Island Manufacturing Co. building, 24.6 feet. Flush .....
Bridge street, south side, on Fish Island .....
Bridge street, south side, east of Front street, 200 feet.....
Bridge street, west side, north of Rivet street, 303 feet .....

Brock avenue, southwest corner of David
Brock avenue, southwest corner of Woodlawn avenue
Brock avenue, southwest corner of Willard
Brock avenue, southwest corner, first street south Norman
Brock avenue, west side, south of Butler, 1063 feet
Brock avenue, west side, south of Butler, 2538.1 feet
Brock avenue, northwest corner Marine avenue
Brownell street, west side, south of Union, 387 feet
Bullard street, southwest corner of Belleville avenue
Bullard street, southeast corner of Front
Bullard street, southeast corner of Bowditch
Bullock street, southwest corner of Trinity
Butler street, south side, east from Brock av., 1635 feet. Flush.
Butler street, south side, east of Brock avenue, 287 feet. Flush.
Campbell street, southwest corner of Purchase
Campbell street, south side, east of County, 163 feet. Flush.
Campbell street, south side, west of County, 216.5 feet.
Campbell street, southwest corner of Cottage
Campbell street, south side, east of Shawmut av. 205 ft. Flush.
Cannon street, south side, east of Second, 164 feet
Cedar street, northwest corner of Elm
Cedar street, southwest corner of Kempton. Flush
Cedar street, west side, north of Mill, 75 feet. Flush
Cedar street, southwest corner of Hillman. Flush.
Cedar street, northwest corner of Sycamore. Flush
Cedar street, southwest corner of Campbell. Flush.
Cedar street, southwest corner of Parker. Flush
Cedar Grove street, southeast corner of Front
Cedar Grove street, southeast corner of Howard.
Cedar Grove street, south side, west of Bowditch, 383 feet
Cedar Grove street, northwest corner of Purchase.
Cedar Grove street, southwest corner of County
Centre street, south side, east of Water, 85 feet. Flush.
Chancery street, southwest corner of Maple
Chancery street, west side, north of Arnold, 406 feet
Chancery street, southwest corner of Elm.
Chancery street, west side, south of Parker, 176 feet.
Chancery street, west side, north of Parker, 650 feet.
Chepachet street, northwest corner of Court
Chepachet street, west side, south of Kempton, 531 feet
Cherry street, southeast corner of Seventh. Flush.
Chestnut street, southwest corner of North. Flush.
Chestnut street, west side, north of Campbell, 96 feet

Chestnut street, southwest corner of Merrimac.....
Church street, west side, north of Belleville road, 300 feet....
Church street, southwest corner of Nash road.....
Church street, southwest corner of Hathaway avenue.....
Church street, west side, north of Coffin avenue, 591.4 feet...
Clark street, southwest corner of State.....
Clark street, south side, west of County 218 feet.....
Clay street, northwest corner of Columbia.....
Cleveland avenue, west side, south of Cove, 681 feet.....
Clinton street, south side, west of County, 224.6 feet.....
Clinton street, south side, west of Ash, 242.5 feet. .....
Coffin avenue, southwest corner of Church.....
Coffin avenue. south side, opposite Oneko Lane.....
Coffin avenue, southeast corner of Front.....
Coffin avenue, southwest corner Belleville avenue.....
Coffin avenue, northwest corner of Riverside avenue.....
Coffin avenue, south side, east of Riverside avenue, 227 feet..
Coffin avenue, north side, east of Riverside avenue, 414 feet...
Coffin street, southwest corner of Water.....
Coffin street, north side, east of Water, 262 feet.....
Coggeshall street, south side, east of Mitchell, 654 feet.....
Coggeshall street, south side, east of Mitchell, 498 feet.....
Coggeshall street, south side, east of Mitchell, 334 feet.....
Coggeshall street, north side, east of Mitchell, 148 feet.....
Coggeshall street southeast corner of Belleville avenue.....
Coggeshall street, southwest corner of Front.....
Coggeshall street, southwest corner of Purchase.....
Coggeshall street, southeast corner of County.....
Coggeshall street, south side, west of County 384 feet.....
Collette street, south side, east of Acushnet avenue, 275 feet...
Collins street, southeast corner of Glover.....
Columbia street, southwest corner of Allen.....
Commercial street, north side, east of Front, 82 feet.....
Cottage road, south side, west of Bolton road, 435 feet.....
Cottage street, southwest corner of Bay.....
Cottage street, northwest corner of Allen.....
Cottage street, northwest corner of Bedford. Flush. .....
Cottage street, southwest corner of Arnold.....
Cottage street, southwest corner of Union .....
Cottage street, southwest corner of Court.....
Cottage street, southwest corner of Kempton .....
Cottage street, southwest corner of Mill .....
Cottage street, southwest corner of North .....

Cottage street, southwest corner of Hillman .....
Cottage street, northwest corner of Sycamore.....
Cottage street, northwest corner of Parker.....
Cottage street, west side, north of Locust, 237 feet .....
Cottage street, southwest corner of Durfee.....
County street, southwest corner of Tallman.....
County street, southwest corner of Sawyer .....
County street, southeast corner of Penniman .....
County street, west side, south of Clark, 234.5 feet .....
County street, west side, south of Weld, 115 feet .....
County street, southwest corner of Austin .....
County street, west side, head of School .....
County street, southwest corner of Madison .....
County street, southwest corner of Hawthorn.....
County street, northwest corner of Allen .....
County street, southwest corner of Grinnell .....
County street, northwest corner of South .....
County street, northwest corner of Winsor. .....
County street, west side, north of Division, 71 feet.....
County street, northwest corner of Cove road .....
Court street, southwest corner of Orchard .....
Court street, southeast corner of Cedar .....
Court street, northeast corner of Ash.....
Court street, southwest corner of Emerson.....
Court street, south side, west from Park, 304 feet. Flush ....
Court street, south side, head of Jenney .....
Court street, south side, east of Reed, 300 feet ... .....
Cove road, southwest corner of West French avenue.....
Cove road, southwest corner of Shore street.....
Cove road, north side, west of County, 365 feet.....
Cove street, southwest corner of Cleveland avenue .....
Cove street, southwest corner of Harrison avenue .....
Cove street, southwest corner of Salisbury .. ... .....
Cove street, southwest corner of Viall .....
Cove street, southwest corner of McGurk .....
Cove street, southwest corner of West French avenue .....
Cove street, southeast corner of Stapleton .....
Cove street, southeast corner of County .....
Crapo street, west side, south of Washington, 343 feet. Flush
Crapo street, west side, south of Rockland, 225 feet .....
Crapo street, west side, south of Thompson, 160 feet.....
Dartmouth street, east side, southwest of Orchard, 110 feet ...
Dartmouth street, east side, south of Hickory, 125 feet .....

Dartmouth street, east side, south of Rockland, 260 feet.....
Dartmouth street, east side, south of Thompson, 99 feet .....
Dartmouth street, southeast corner of Larch .....
Dartmouth street, northeast corner of Dunbar .....
David street, south side, west of Brock avenue, 289 feet .....
Davis street, southwest corner of Riverside avenue.....
Davis street, south side, east of Front, 321.8 feet .....
Davis street, southwest corner of Front.....
Davis street, south side, west of Bowditch street, 377 feet ....
Davis street, south side, east of Church, 362 feet .....
Dean street, southwest corner of Belleville avenue .....
Dean street, southeast corner of Front.....
Delano street, southwest corner of Water.....
Delano street, southeast corner of Acushnet avenue .....
Diman street, southwest corner of Whitman.....
Diman street, west side, south of Whitman 149 feet.....
Division street, southeast corner of Second.....
Division street, south side, west of County, 527 feet.....
Division street, south side, east of Crapo, 6 feet.....
Dudley street, south side, east of West French av., 122 feet....
Dudley street, south side, west of Brock avenue, 607 feet.....
Dunbar street, southwest corner of Hemlock.....
Durfee street, southwest corner of Cedar.....
Durfee street, southwest corner of Bullock.....
Durfee street, southwest corner of Shawmut avenue .....
Durfee street, south side, west of Shawmut avenue, 186.6 feet
Earle street, southwest corner of Riverside avenue.....
Earle street, south side, west of Belleville avenue, 135 feet....
Earl street, south side, east of Acushnet avenue, 274.2 feet...
East French avenue, west side, south of Cove, 807.2 feet.....
East French avenue, northwest corner of Abbott .....
Edward street, south side, east of Field, 90 feet.....
Edward street, south side, west of Dartmouth street, 157 feet.
Elm street, southwest corner of Purchase.....
Elm street, southwest corner of Pleasant.....
Elm street, southwest corner of Eighth.....
Elm street, southwest corner of Summer. Flush.....
Elm street, southwest corner of Florence .....
Elm street, southeast corner of Palmer.....
Emerson street, west side, north of Arnold, 173.8 feet.....
Field street, northwest corner of Stowell.....
Fifth street, southwest corner of Union.....
Fifth street, southwest corner of School.....

Fifth street, west side, south of Madison, 245 feet. Flush ...
Fifth street, northwest corner of Wing.....
Fifth street, northwest corner of Grinnell.....
First street, southwest corner of Spring. Flush.....
First street, west side, south of School, 109 feet. Flush.....
First street, west side, south of Howland, 185 feet. Flush ...
First street, northwest corner of Potomska.....
Florence street, southwest corner of Hillman.....
Florence street, northwest corner of Mill.....
Florence street, West side, south of Kempton, 199.6 feet.....
Florence street, southwest corner of Morgan.....
Forest street, south side, west of County, 90 feet. Flush.....
Foster street, southwest corner of High.....
Fourth street, southwest corner of Union. Flush.....
Fourth street, west side, north of School, 106 feet. Flush....
Fourth street, west side, south of Madison, 210 feet.....
Fourth street, east side, opposite Washington.....
Fourth street, northwest corner of Rockland. Flush.....
Fourth street, west side, south of Potomska, 61 feet .....
Franklin street, southwest corner of Purchase.....
Franklin street southwest corner of Pleasant. Flush.....
Franklin street, southwest corner of State.....
Front street, southwest corner of Whitman.....
Front street, southwest corner of Holly.....
Front street, west side, south of Washburn, 319 feet. Flush..
Front street, southwest corner of Logan.....
Front street, west side, south of Logan, 190.2 feet.....
Front street, west side, south of Logan, 383 feet.....
Front street, west side, north of Wamsutta, 235.2 feet.....
Front street, southeast corner of Wamsutta.....
Front street, east side, foot of Middle. Flush.....
Front street, southwest corner of Middle.....
Front street, southwest corner of Hazard's lane. Flush.....
Front street, northwest corner of Rodman.....
Front street, southwest corner of Centre. Flush.....
Front street, west side, south of Commercial, 86 feet. Flush.
Front street, northwest corner of lane head of Merrill's wharf.
Flush .....
Front street, west side, south of Howland, 268 feet.....
Front street, southwest corner of Grinnell.....
Front street, west side, south of South, 330 feet.....
Front street, southwest corner Rivet street .....
Front street, west side, north of Delano, 191 feet.....

Front street, west side, south of Delano, 200 feet.....
Fruit street, south side, east of Hemlock, 126.5 feet .....
Fruit street, south side, west of Mulberry, 25.5 feet .....
Gifford street, south side, east of Water, 274 feet .. .....
Gifford street, south side, west of Harbor, 167.8 feet.....
Gifford street, southeast corner of Harbor. ... .....
Gifford street, south side, east of Harbor, 299.3 feet .....
Grand street, south side, west of Shawmut avenue, 750 feet ...
Granfield street, west side, north of Coggeshall, 263 feet.....
Grape street, south side, west of Lewis, 131 feet.....
Grape street, southwest corner of Small .....
Grape street, southwest corner of Devoll .....
Griffin street, southwest corner of Second. Flush..... ..
Grinnell street, south side, west of Acushnet avenue, 76 feet. Flush .....
Grinnell street, south side, east of Crapo, 103 feet. Flush ...
Grinnell street, southwest corner of Orchard.....
Grove street, southwest corner of Anthony ..... .....
Grove street, southwest corner of Cottage .....
Harbor street, east side, north of Cove, 195 feet ..... ...
Harbor street, east side, north of Cove, 372 feet.....
Harbor street, east side, north of Cove, 540 feet.....
Harbor street, east side, south of Gifford, 195.8 feet .....
Harmony street, southwest corner of Social.....
Harrison street, southwest corner of Hickory .....
Hathaway street, south side, east of Front street, 260 feet ....
Hathaway street, southwest corner of Front .....
Hathaway street, south side, east of Church street, 331 feet...
Hawthorn street, southwest corner of Cottage .....
Hawthorn street, southeast corner of Page. Flush.....
Hawthorn street, south side, east of Tremont, 147 feet .....
Hawthorn street, southwest corner of Brigham ..... .....
Hawthorn street, south side, west of Brigham, 301 feet.....
Hazard street, south side, west of State, 140 feet. Flush.....
Hazard street, southwest corner of Pleasant. Flush.....
Hazard street, southwest corner of Purchase.....
Hemlock street, west side, south of Rockland, 231 feet.....
Hicks street, south side, east of Acushnet avenue, 276 feet....
High street, south side, east of Acushnet ave., 43 feet. Flush
High street, southwest corner of Purchase ..... .....
High street, south side, east of County, 177 feet. Flush .....
Highland street, west side, north of Durfee, 418.4 feet.....
Hillman street, southwest corner of Second. Flush.....

Hillman street, southwest corner of Purchase
Hillman street, southwest corner of Pleasant
Hillman street, head of State
Hillman street, head of Thomas
Hillman street, southwest corner of Chancery
Hillman street, south side, east of Florence, 609.5 feet
Hillman street, southwest corner of Lindsey
Hillman street, southeast corner of Rockdale avenue
Holly street, southwest corner of Belleville avenue
Holly street, southwest corner of Bowditch
Holly street, southeast corner of Brook
Hollyhock street, south side, east of Field, 410 feet
Homer street, southwest corner of Locust
Howard avenue, south side, east of Acushnet avenue, 364 feet.
Howland street, northeast corner of Second. Flush
Howland street, south side, west of Prospect, 19.2 feet
Hunter street, southwest corner of Hillman
Independent street, south side, west of County, 480 feet
Independent street, southeast corner of Crapo
Irving court, north end of Court. Flush
James street, west side, north of Arnold, 107 feet.
James street, southwest corner of Court
Jenney Lind street, southwest corner of Hillman
Jenney Lind street, west side, north of Kempton street, 1167 ft.
Jouvette street, south side, west of County 372 feet
Katherine street, southeast corner of Crapo
Katherine street, south side, west of County, 442 feet
Keene street, south side, west of Park, 434 feet
Kempton street, southwest corner of Purchase
Kempton street, southwest corner of Pleasant
Kempton street, south side, opposite Hill
Kempton street, southwest corner of County
Kempton street, southwest corner of Summer
Kempton street, southwest corner of Emerson. Flush
Kempton street, southwest corner of Park
Kempton street southwest corner of Liberty
Kempton street, southeast corner of Jenney. Flush
Kempton street, south side, west of Hunter, 50 feet
Kempton street, southwest corner of Rockdale avenue
Kempton street, southeast corner of Chepachet
Kempton street, south side, opposite Jenney Lind street
Kenyon street, south side, west of Front street, 378 feet
Kilburn street, north side, east of Front, 244 feet

Kilburn street north side, east of Front, 581 feet.....
Larch street, south side, east of Mullberry, 120 feet.....
Larch street, south side, east of Hemlock, 129 feet.....
Leonard street, south side, east of Water, 216 feet Flush.....
Liberty street, west side, south of Kempton, 339 feet. Flush.
Liberty street, west side, north of Court, 164 feet.....
Lincoln street, west side, south of Union, 171 feet. Flush....
Linden street, southwest corner of Purchase.....
Linden street, south side, west of State, 13.5 feet..... ...
Linden street, south side, west of County, 169 feet..... ..
Linden street, south side. west of Reynolds, 67.5 feet.....
Linden street, south side, east of Ashland, 6.5 feet..... .....
Lindsey street, west side, south of Kempton, 173 feet. .....
Lindsey street, northwest corner of Morgan..... ..... ..
Locust street, southwest corner of County.....
Locust street, southwest corner of Chestnut.....
Locust street, southwest corner of Richmond.....
Logan street, south side, east of Acushnet av., 400 feet. Flush.
Logan street, south side, opposite Bowditch.....
Logan street, southeast corner of Purchase..... .....
Lombard street, west side, north of Thompson. 107 feet.....
Lucas street, south side, west of Brock avenue. 275 feet.....
Madison street, southwest corner of First. Flush.....
Madison street, southwest corner of Water.....
Madison street, southwest corner of Sixth.....
Maitland street, southwest corner of Cedar.....
Maple street, southwest corner of Cottage..... .....
Maxfield street, southwest corner of Second.....
Maxfield street, southwest corner of Purchase.....
Maxfield street, southwest corner of Pleasant..... ...
Maxfield street, southwest corner of Foster.....
Maxfield street, southwest corner of County.....
Maxfield street, southwest corner of Chestnut.....
Maxfield street, southeast corner of Spruce. Flush: .....
Maxfield street, southeast corner of Ash.....
Maxfield street, south side, east of Chancery, 44.4 feet.....
Maxfield street, south side, west of Beech street. 23 feet....
McGurk street, west side, north of Brock avenue, 348 feet....
Mechanics lane, northwest corner of Purchase.....
Mechanics lane, north side, east of Eighth, 206 feet. Flush..
Merrimac street, southwest corner of Purchase.....
Merrimac street, southwest corner of State .....
Merrimac street, southwest corner of Summer .....

Middle street, southwest corner of Water
Middle street, southwest corner of Second
Middle street, southwest corner of Acushnet avenue
Middle street, southwest corner of Purchase
Middle street, southwest corner of Pleasant
Middle street, southwest corner of Sixth
Middle street, southwest corner of County
Middle street. south side, east of Cedar, 371 feet. Flush
Middle street, southeast corner of Chancery. Flush
Middle street, southwest corner of Purchase
Mill street, south side, west of Hill, 191 feet
Mill street, south side, west of Ash, 45 feet. Flush
Mill street, south side, east of Park, 104 feet
Mill street, southeast corner of Newton
Mill street, southeast corner of Summit
Milton street, south side, west of Rockdale avenue, 85 feet
Mitchell street, northwest corner of Coggeshall
Mitchell street, west side, north of Coggeshall, 178.8 feet
Mitchell street, west side, south of Sawyer, 345 feet
Mitchell street, southwest corner of Sawyer
Moorland Terrace, southwest corner of Ash
Morgan street, southwest corner of County
Morgan street, southwest corner of Cottage. Flush
Morton's court, west side, north of Cove, 385.3 feet
Mosher street, south side, west of County, 517 feet
Mosher street, southeast corner of Crapo
Mt. Pleasant street, west side, south of Tarkiln hill rd., 35 feet
Mt. Pleasant street, west side, north of Nash road, 1,671 feet
Mt. Pleasant street, west side, north of Nash road, 348 feet
Mt. Pleasant street, west side, north of railroad fence, 285 feet
Mt. Pleasant street, west side, south of Hathaway road, 40 feet
Mt. Pleasant street, west side, north of Peckham-West cemetery, 277 feet
Mt. Pleasant street, west side, south of Peckham-West cemetery, 74 feet
Mt. Pleasant street, west side, north of reservoir, 837 feet.
Mt. Pleasant street, west side, north of reservoir, 450 feet
Mt. Pleasant street, west side, north of reservoir, 40 feet
Mt. Pleasant street, west side, south of Peckham, 217 feet
Mt. Vernon street, southwest corner of Mt. Pleasant
Mt. Vernon street, southeast corner of Vine. Flush
Mt. Vernon street, south side, east of Shawmut ave., 241 feet
Myrtle street, west side, south of Weld, 22 feet

Myrtle street, southwest corner of Clark
Myrtle street, west side, north of Clark street, 274 feet
Nelson street, south side, west of County, 541.6 feet
Newton street, northwest corner of Elm
North street, southeast corner of Second
North street, southwest corner of Acushnet avenue
North street, southwest corner of Purchase
North street, northwest corner of Pleasant
North street, southwest corner of Foster
North street, southwest corner of Hill
North street, southwest corner of County
North street, southwest corner of Emerson
North street, southwest corner of Park
North street, south side, west of Newton, 258 feet
North street, southwest corner of Hunter
North street, southwest corner of Beech
Nye street, southwest corner of Belleville avenue
Nye street, southwest corner of Front
Nye street, south side, west of Acushnet avenue, 311.7 feet
Oak street, southwest corner of Harrison
Oak street, northwest corner of Grape
Oak street, southwest corner of Allen
Ocean street, west side, south of Arnold, 184.5 feet
Orchard street, southwest corner of Madison
Orchard street, southwest corner of Grove
Orchard street, west side, north of Rockland, 98 feet
Palmer street, northwest corner of Union
Palmer street, west side, south of Elm street, 195 feet
Park place, south side, west of Sixth, 306 feet. Flush
Park street, southwest corner of Maxfield
Park street, southwest corner of Hillman
Park street, west side, south of Kempton, 339 feet
Park street, northwest corner of Court
Park street, west side, north of Arnold, 263 feet
Parker street, south side, at Oak Grove Cemetery
Parker street, southwest corner of Summer. Flush
Parker street, southwest corner of County
Pearl street, southwest corner of Pleasant
Pearl street, southwest corner of Purchase
Perry street, south side, east of Acushnet av., 270 feet
Phillips avenue, south side, east of Oneko lane
Phillips avenue, south side, east of Acushnet av., 173 feet
Phillips avenue, southwest corner of Riverside avenue

Pierce street, west side, north of Court, 253.7 feet.....
Pine street, northwest corner of Cross. Flush.....
Plainville road, south side, east of Shawmut avenue, 705 feet.
Plainville road south side, east of Shawmut avenue, 1,139 feet.
Plainville road, south side, east of Shawmut avenue, 2,317 feet.
Plainville road, south side, east of Shawmut avenue, 3,113 feet.
Plainville road, south side, east of Shawmut avenue, 3,920 feet.
Pleasant street, northwest corner of Market.....
Pleasant street, west side, north of William, 21½ feet.....
Pleasant street, east side, foot of Sycamore.....
Pleasant street, northwest corner of Pope. Flush.....
Pleasant street, northwest corner of Austin. Flush.....
Pleasant street, southwest corner of Linden. Flush.....
Pleasant street, southwest corner of Weld.....
Plummer avenue, southwest corner of Riverside avenue.....
Plummer avenue, south side, east of Belleville avenue, 177 feet.
Pope street, south west corner of Purchase.....
Pope street, south side, opposite North Oak.....
Pope street, southwest corner of Summer.....
Poplar road, south side, west of Bolton road 431 feet.....
Potomska street, a group of three post hydrants located about 300 feet east of Prospect and 91 feet north of south line of Potomska street:.....
Potter street, south side, east of Shawmut avenue 403 feet ...
Prospect street, west side, north of Grinnell, 275.2 feet.....
Prospect street, northwest corner of Grinnell.....
Prospect street, west side, north of Potomska, 324.5 feet.....
Prospect street, northwest corner of Potomska. .....
Purchase street, northwest corner of Dean. .....
Purchase street, west side, opposite Oneko mill.....
Purchase street, east side opposite Clark. .....
Purchase street, west side, south of Campbell, 348 feet.....
Purchase street, northwest corner of Union. Flush..... ...
Purchase avenue, northeast corner of Purchase.....
Reed street, west side, north of Court, 145 feet.....
Reed street, southwest corner of Elm.....
Reed street, southwest corner of Middle.....
Reynolds street, southwest corner of Weld.....
Reynolds street, west side, south of Clark, 17.9 feet.....
Reynolds street, southwest corner of Cedar Grove street .....
Richmond street, southwest corner of Maitland .....
Riverside avenue, west side, opposite Manomet street .....
Rivet street, southwest corner of Second. Flush .....

Rivet street, southwest corner of County
Rivet street, southwest corner of Bonney
Rivet street, southeast corner of Bolton road
Rivet street, southwest corner of Hemlock
Robeson street, southwest corner of County
Robeson street, southwest corner of Ashland
Robeson street, southeast corner of Cottage
Robeson street, southeast corner of Cedar
Robeson street, south side, west of Cedar, 424 feet
Rockdale avenue, southwest corner of Bolton road
Rockdale avenue, south side, west of Bolton road, 327 feet
Rockdale avenue, west side, north of Milton, 126 feet
Rockdale avenue, southwest corner of Grant street
Rockdale avenue, west side, north of Lexington st., 128 feet
Rockland street, southwest corner of County
Rockland street, southeast corner of Hall
Rockland street, south side, west of Orchard, 13 feet
Rockland street, south side, east of Hemlock, 179.3 feet
Rockland street, southwest corner of Lombard
Rotch street, west side, south of Union, 213.7 feet
Rounds street, northwest corner of Elm
Rural street, southwest corner of Allen
Russell street, south side, east of Fifth, 92 feet. Flush
Russell street, southwest corner of Sixth
Russell street, south side, west of Sixth, 179 feet
Salisbury street, northwest corner of Ruth
Sand street, northwest corner of Grit
Sawyer street, south side, west of County, 644 feet
Sawyer street, southwest corner of Purchase
Sawyer street, south side, opposite Brook
Sawyer street, southwest corner of Bowditch
Sawyer street, southwest corner of Acushnet avenue
Sawyer street, southeast corner of Belleville avenue
Sawyer street, south side, east of Mitchell, 418.8 feet
Sawyer street, north side, east of Belleville avenue, 750 feet
Sawyer street, south side, east of Mitchell street, 690 feet
School street, southwest corner of Sixth
Scott street, south side, west of County, 494 feet
Sears court, southwest corner of Purchase street. Flush
Second street, northwest corner of Mill. Flush
Second street, west side, south of Elm, 52 feet
Second street, west side, south of Spring, 74 feet. Flush
Second street, northwest corner of Coffin. Flush

Second street, west side, at head of Morgan's lane .....
Second street, west side, north of Grinnell, 61 feet. Flush...
Second street, west side, north of Potomska, 232 feet.....
Second street, west side, south of Potomska, 122 feet .....
Second street, west side, south of Blackmer, 188 feet .....
Seventh street, southwest corner of Union.....
Seventh street, west side, north of Madison, 50 feet. Flush..
Shawmut avenue, southwest corner of Willis..... .....
Shawmut avenue, southwest corner of Parker.....
Shawmut avenue, west side, head of Locust.....
Shawmut avenue, southwest corner of Robeson ..... ...
Shawmut avenue, west side, north of Austin, 195 feet .....
Shawmut avenue, west side, north of Durfee, 497 feet .....
Shawmut avenue, southwest corner of Grand .....
Shawmut avenue, west side, north of Grand, 363 feet.....
Shawmut avenue, west side, opposite Topham street .....
Shawmut avenue, northwest corner of Plainville road.....
Sherman street, south side, west of County, 314 feet. Flush .
Shore street, west side, south of Cove road, 264 feet..... ...
Sisson street, northwest corner of Union..... ..
Sisson street, west side, north of Arnold, 142 feet.....
Sixth street, west side, north of Grinnell, 194 feet.....
Smith street, southwest corner of County..... .....
Smith street, southwest corner of Chestnut . ..... .....
Smith street, southeast corner of Spruce .....
Smith street, southeast corner of Shawmut avenue .....
Smith street, south side, east of Park, 5 feet .....
South street, south side, east of Crapo, 357 feet .....
South street, southwest corner of Acushnet avenue.....
South street, southwest corner of Second .....
South street, southwest corner of First ..... .....
South street, southwest corner of Water .....
South street, southwest corner of Prospect..... ....
Spring street, southwest corner of Water .....
Spring street, southeast corner of Acushnet avenue .....
Spring street, southeast corner of Fifth. Flush..... ..
Spring street, southwest corner of Seventh.....
State street, southwest corner of Sycamore .....
State street, southwest corner of Pearl. Flush .....
Stone street, west side, south of Allen, 208.6 feet.....
Stowell street, south side, east of Field, 153 feet .....
Summer street, northwest corner of North. Flush .....
Summer street, northwest corner of Hillman. Flush .....

Summer street, southwest corner of Willis. Flush .....
Summer street, southwest corner of Locust .....
Sycamore street, southwest corner of Thomas. Flush.....
Sycamore street, southwest corner of Summer. Flush.....
Sycamore street, southwest corner of Chancery .....
Taber street, southwest corner of Page .....
Taber street, south side, west of Page, 428.7 feet .....
Tallman street, southwest corner of Belleville avenue.....
Thompson street, southeast corner of Bourne .....
Thompson street, southwest corner of Hemlock.....
Thompson street, south side, east of Hemlock, 99.6 feet .....
Thompson street, south side, west of Bonney, 302 feet.....
Thompson street, south side, east of Hall, 20 feet .....
Thompson street, southwest corner of County.....
Tinkham street, south side, east of Acushnet ave., 239.2 feet..
Topham street, south side, east of Shawmut avenue, 647 feet..
Tremont street, southwest corner of Union .....
Tremont street, northwest corner of Maple .....
Trinity street, south side, west of Cedar, 264 feet .....
Union street, southwest corner of Front .....
Union street, southwest corner of Water .....
Union street, southwest corner of First .....
Union street, southwest corner of Second.....
Union street, southwest corner of Acushnet avenue .....
Union street, southwest corner of Sixth.....
Union street, southwest corner of County.....
Union street, southeast corner of Emerson.....
Union street, southwest corner of Ocean.....
Union street, south side, west of James, 61 feet .....
Valentine street, south side, west of Brock avenue, 621 feet...
Valentine street, south side, east of West French ave., 142 feet
Viall street, northwest corner of Ruth street.....
Vine street, west side, north of Durfee, 215 feet.....
Walden street, southwest corner of Maxfield. Flush .....
Wall street, south side, east of Acushnet ave., 165 feet. Flush
Wall street, southeast corner of Acushnet avenue .....
Walnut street, northwest corner of Front.....
Walnut street, southwest corner of Water.....
Walnut street, southwest corner of Second. Flush .....
Walnut street, southwest corner of Fourth.....
Walnut street, southwest corner of Seventh.....
Wamsutta street, south side, west of Front, 200 feet. .....
Wamsutta street, south side, west of Front, 372 feet. .....

Wamsutta street, south side, east of Acushnet avenue, 286 feet
Ward street, southwest corner of Bay
Warren street, southwest corner of Brock avenue
Washburn street, southeast corner of Acushnet avenue
Washburn street, south side, west of North Front, 228 feet
Washington street, southwest corner of County
Washington street, southwest corner of Crapo
Washington street, south side, west of Orchard, 102 feet
Washington street, southeast corner of Dartmouth. Flush
Water street, southwest corner of Hillman. Flush
Water street, southwest corner of North
Water street, northwest corner of High
Water street, southwest corner of Elm. Flush
Water street, west side, north of Center, 46 feet. Flush
Water street, southwest corner of School
Water street, west side, head of Pine
Water street, west side, head of Leonard
Water street, southwest corner of Howland
Water street, northwest corner of Grinnell
Water street, northwest corner of Potomska
Water street, west side, south of Potomska, 266 feet
Water street, northwest corner of Rivet
Water street, southwest corner of Blackmer
Water street, northwest corner of Delano
Water street, west side, head of Gifford
Weld street, southeast corner of Mt. Pleasant
Weld street, southwest corner of State
Willard street, south side, west of Brock avenue, 560 feet
Willard street, south side, east of West French ave., 101 feet
William street, southwest corner of Bethel
William street, southwest corner of Second
William street, southwest corner of Purchase
William street, southwest corner of Sixth
William street, southwest corner of Eighth
Willis street, southwest corner of Acushnet avenue
Willis street, southwest corner of Purchase
Willis street, southeast corner of Pleasant
Willis street, southwest corner of State
Willis street, southwest corner of County
Willis street, southwest corner of Cottage
Willis street, south side, west of Cedar, 200 feet
Willow street, southwest corner of Cottage
Willow street, south side, west of Cedar, 224 feet

Willow street, southeast corner of Shawmut avenue.....
Wing street, southwest corner of Fourth .....
Wing street, southwest corner of Sixth .....
Winsor street, south side, west of County, 455.5 feet.....
Winsor street, southeast corner of Crapo .....
Wood street, south side, west of Acushnet avenue, 366 feet ...
Woodlawn street, south side, west of Brock avenue, 636 feet..
Woodlawn street, south side, east of West French ave., 134 feet

| | |
|---|---|
| Number of flush hydrants..... | 104 |
| Number of post hydrants . .. ..... | 665 |
| Total number of hydrants..... | 769 |

# SUMMARY OF STATISTICS.

## REPORT OF 1902.

IN ACCORDANCE WITH SUGGESTIONS ADOPTED BY THE NEW ENGLAND WATER WORKS ASSOCIATION.

### NEW BEDFORD WATER WORKS,

NEW BEDFORD,

BRISTOL COUNTY, MASS.

Population by census of 1900,

62, 442

Date of construction,

1866 to 1869, inclusive
Further supply, 1895 to 1901, inclusive

By whom owned,

The property of the City of New Bedford

Source of supply,

Water was first introduced on Nov. 26th, 1869. From that date until July 10th, 1899, the supply was taken from a storing reservoir artificially formed by constructing a dam across the valley of the Acushnet river, seven miles north of the center of the City This supply was augmented by a connection made in 1886 with little Quitticas Pond.

Since July 10th, 1899, the whole supply has been taken from Great and Little Quittacas Ponds, eleven miles north of the center of the City.

Mode of supply,

Previous to July 10th, 1899, the water flowed by gravity from the Acushnet Storing Reservoir (grade 40′ + high water New Bedford Harbor) through a brick conduit 3 feet wide, 4 feet high, $5\frac{6}{10}$ miles long to a receiving reservoir (capacity 3 million gallons; grade 30′) located opposite the Purchase street pumping station. Thence it was pumped into the Mt. Pleasant distributing reservoir (capacity, 15 million gallons; grade 154′) located 1879 feet distant, from whence it flowed by gravity into the city's distributing system.

Since July 10th, 1899, the entire supply has been pumped from Little Quittacas pond (grade 52′ through a 48 inch steel force main $8\frac{1}{4}$ miles long to a distributing reservoir (capacity 67 million gallons; grade 216′) located upon High Hill, in the town of Dartmouth. From this reservoir it flows into the City's distributing system by gravitation through a 36 inch cast iron pipe $3\frac{2}{5}$ miles long.

The first named system is not now in use; but is held in reserve to meet any emergency which might occur.

PUMPING.

1. Builders of pumping machinery,

Purchase street station,

*a.* McAlpine engine, built by Quintard Iron Works.
*b.* Worthington duplex engine, built by Henry R. Worthington.
*c.* Worthington high duty engine, built by Henry R. Worthington.

Little Quittacas station,

*a.* Leavitt engine, built by the Dickson Manufacturing Co.
*b.* Leavitt engine, built by the Dickson Manufacturing Co.

2. Description of fuel used.

*a.* Bituminous.
*b.* Pocahontas.
*c.* Price per gross ton delivered, Braley's station, $4.95.
*d.* Percentage of ash, 7.
*e* Wood, price per cord, $4.00.

| | Little Quittacas Station. Engines A and B |
|---|---|
| 3. Coal consumed for the year in pounds, | 2,806.875 |
| 4. $\frac{\text{Lbs of wood consumed}}{3}$ = coal, | 183 |
| 5. Total fuel consumed for the year (3 + 4), | 2,807.058 |
| 6. Total pumping for the year in gallons, with allowance for slip, | 2,307,304,830 |
| 7. Av. static head against which pumps work, | 167.38 |
| 8. Av. dynamic head against which pumps work, | 188.09 |

| | Little Quittacas Station. Engines A and B. |
|---|---|
| 9. *a.* Number of gallons pumped per pound of fuel, (5), | 822 |
| *b.* Number of gallons raised 100 feet per pound of coal for total fuel (5), | 1,546 |
| 10. Duty in foot pounds per 100 pounds of coal, using following formula making no deductions for starting, banking fires, heating building, or anything else, | |
| $\text{Duty} = \frac{\text{Gallons pumped (6)} \times 8.34 \text{ (lbs)} \times 100 \times \text{dynamic head (8)}}{\text{Total fuel consumed (5).}}$ | 128,939,311 |

COST OF PUMPING, FIGURED ON PUMPING STATION EXPENSES, VIZ., $15,033.86.

11. Per million gallons raised against average dynamic head (8) into reservoir, $6.52

12. Per million gallons raised one foot high (dynamic), $3\frac{47}{100}$ cents.

COST OF PUMPING, FIGURED ON TOTAL MAINTENANCE, (See Financial CC.) VIZ., $115,267.44

13. Per million gallons raised against average dynamic head (8) into reservoir, $49.96

14. Per million gallons one foot high (dynamic), $26\frac{56}{100}$ cents.

# FINANCIAL STATISTICS.

| RECEIPTS. | | |
|---|---|---|
| *Balance brought forward,* | | $11,368.74 |
| (*a*) From ordinary (maintenance) receipts, | | 12,561.30 |
| (*b*.) From extraordinary receipts (bonds, etc.), | | 7,500 |
| Total | | 31,430.04 |
| *From Water Rates:* | | |
| A. Fixture rates, | 73,990.25 | |
| B. Meter rates, | 38,116.19 | |
| C. Total from consumers, | | $112,106.44 |
| D. For hydrants | | |
| E. For fountains, | | |
| F. For street watering, | | |
| G. For public buildings, | | |
| H. For miscel. uses, | | |
| I Gen'l appropriation, | | |
| J. Total for municipal depts, | | 12,000.00 |
| K. From tax levy, | | 65,880.00 |
| N. Total, | | $221,416.48 |

| EXPENDITURES. | | |
|---|---|---|
| *Water Works Maintenance:* | | |
| AA. Operation (management and repairs), | $39,387.44 | |
| C.C. Total maintenance, | | $39,387.44 |
| D.D. Interest on bonds, | | 75,880.00 |
| C.C.+ D.D., | | 115,267.44 |
| E.E. Payment of bonds, | | 30,000.00 |
| F.F. Sinking Fund, | | 28,000.00 |
| *Water Works Construction:* | | |
| G.G. Extension of mains, | 20,276.79 | |
| H.H. Extension of services, | 4,256.33 | |
| II. Extension of meters, | 2,644.97 | |
| JJ. Special: | 386.49 | |
| KK. Total construction, | | 27,564.58 |
| MM. Balance: | | |
| (*aa*. Ordinary, | 13,084.46 | |
| *bb*.) Extraordinary, | 7,500.00 | |
| Total balance, | | 20,584.46 |
| N. Total, | | $221,416.48 |

## FINANCIAL — *Continued.*

| | | | |
|---|---|---|---|
| Disposition of balance. | Balance to new account. | | |
| O. Net cost of works to date, | | | |
| Old works, | | $1,870,121.54 | |
| Further supply, | | 1,316,639.60 | |
| | | | $3,186,761.14 |
| P. Bonded debt at date, | | | |
| Old works, | | $498,000.00 | |
| Further supply, | | 1,200,000.00 | |
| | | | $1,698,000.00 |
| Q. Value of Sinking Fund at date, | | | 216,583.90 |
| R. Average rate of interest, | $4\frac{39}{100}$ per cent. | | |

## Statistics of Consumption of water.

| | | |
|---|---|---|
| 1. | Estimated total population at date, | 70,000 |
| 2. | Estimated population on lines of pipe, | 62,000 |
| 3. | Estimated population supplied, | 61,000 |
| 4. | Total consumption for the year. | 2,325,807,038 gallons |
| 5. | Passed through meters, | 619,398,061 gallons |
| 6. | Percentage of consumption metered | $26\frac{6}{10}$ |
| 7. | Average daily consumption, | 6,372,074 gallons |
| 8. | Gallons per day to each inhabitant, | 91 |
| 9 | Gallons per day to each consumer, | 104 |
| 10. | Gallons per day to each tap, | 663 |
| 11. | Cost of supplying water, per million gallons, figured on total maintenance (item CC), | $16.94 |
| 12. | Total cost of supplying water, per million gallons, figured on total maintenance + interest on bonds, | $49.96 |

## STATISTICS RELATING TO DISTRIBUTION SYSTEM.

### Mains.

1. Kind of pipe, cast iron.
2. Sizes from 4 inch to 36 inch.
3. Extended 18,433 feet during year.
4. Discontinued, 2,507 feet during year.
5. Total now in use, $97\frac{9027}{10000}$ miles.
6. Cost of repairs per mile, $8.08
7. Number of leaks per mile, $\frac{1}{7}$
8. Length of pipes less than 4 inches diam., $1\frac{0682}{10000}$ miles.
9. Number of hydrants added during the year (public and private), 43
10. Number of hydrants (public and private) now in use, 979
11. Number of stop gates added during year, 45
12. Number of stop gates now in use, 1137
13. Number of stop gates smaller than 4 inch 78
14. Number of blow offs, 97
15. Range of pressure on mains 25 lbs. to 95 lbs.

### Services.

16. Kind of pipe, lead and cast iron.
17. Sizes, from ½ to 10 inches.
18. Extended 10,266 feet.
19. Discontinued, 3603 feet.
20. Total now in use, $62\frac{67}{100}$ miles.
21. Number of service taps added during year, 165
22. Number now in use, 9,612.
23. Average length of service, 34.4 feet.
24. Average cost of service for the year :
    *a*. Gross, $19.98.
    *b*. Net, 5.85.
25. Number of meters added, 205.
26. Number now in use, 1,771.
27. Percentage of services metered, $18\frac{4}{10}$
28. Percentage of receipts from metered water (B ÷ C), 34.
29. Number of moters and elevators added, 3.
30. Number now in use, 128.

IN BOARD OF ALDERMEN,
Feb. 26, 1903.

Received, ordered printed in the City Documents and sent down for concurrence.

WM. S. COOK, Ass't. Clerk.

IN COMMON COUNCIL,
Feb. 26, 1903.

Concurred.

W. H. B. REMINGTON, Clerk.

1903. CITY DOCUMENT No. 4.

# The Fifty-First Annual Report

OF THE

# TRUSTEES

OF THE

# FREE PUBLIC LIBRARY

OF THE

CITY OF NEW BEDFORD, MASS.

NEW BEDFORD, MASS.
THE A. E. COFFIN PRESS, CITY PRINTERS.
1903.

# Officers of the Free Public Library

## FOR THE YEAR 1903.

### TRUSTEES.

*Ex-officio.* *Terms expire January, 1904.*

CHARLES S. ASHLEY, Mayor of the City.
SAMUEL HIGHAM, President of the Common Council.
WILLIAM E. SMITH, Chairman of the Committee of the City on Education.

*Elected by the City Council.*

| | |
|---|---|
| ISAAC B. TOMPKINS, JR. | Term expires April, 1903. |
| MATTHEW C. JULIEN, | Term expires April, 1903. |
| FRANCIS M. KENNEDY, | Term expires April, 1904. |
| LEMUEL LEB. HOLMES, | Term expires April, 1904. |
| WALTER S. ALLEN, | Term expires April, 1905. |
| WILLIAM L. SAYER, | Term expires April, 1905. |

PRESIDENT OF THE BOARD,
THE MAYOR.

CLERK,
WILLIAM L. SAYER.

COMMITTEES,

On Library — MESSRS. JULIEN, SAYER, AND TOMPKINS,
On Finance — MESSRS. KENNEDY, ALLEN, AND HOLMES.
On the Building — MESSRS. HOLMES, ALLEN, AND SMITH.
On Branch Reading Rooms — MESSRS. JULIEN AND SMITH.

LIBRARIAN,
GEORGE H. TRIPP.

CATALOGUER,
ANNA M. DEWOLF.

ASSISTANTS,

CLEMENT L. YAEGER, JOSEPHINE A. MERRICK, SUSIE H. GAMMONS.
ETTA F. LAWRENCE, FLORENCE E. PEIRCE, NELLIE C. DAVOLL.

DELIVERY STATION ATTENDANTS,

North Station — WILLIAM BROWN. South Station — ROBERT ALLEN.

PAGES,

JAMES MCCARTHY, JOHN HOYLE,
JOSEPH F. BIRTWHISTLE. ARTHUR J. ROGERS.

JANITOR,
YORRICK W. AMES.

# Trustees' Report.

*To the City Council of the City of New Bedford:*

GENTLEMEN:—The Board of Trustees of the Free Public Library herewith presents its Fifty-first Annual Report, of which the annual report of the librarian to the board, presented in connection herewith, is made a part.

It is unnecessary to multiply words in this report. Mr. Tripp has summarized the activities of the year in a clear and comprehensive manner, to which no addition need be made. The Trustees desire to emphasize their appreciation of his work, which is faithful and zealous, and which has already produced good results, especially in the notably increased use of the library for purposes of reference and study. The force of workers under him is encouraged by his hearty interest in the library, and we believe that at no time in the history of the institution has that force been so efficient as now.

The extension of the privileges of the library to younger children than had formerly frequented it, in response to an imperative demand, demonstrates forcibly the need of more room. Provisions for a children's room would probably relieve the reading and reference room to such an extent as to accommodate adult visitors fairly well for the present. The Board respectfully calls attention to the importance of the subject, and commends it to the careful consideration of the Council as being a matter of immediate importance.

The things which have been many times said with respect to the crowded condition of the library in general may all be said at this time with renewed vigor. They are familiar to the Council, and we reiterate them at the present time in order that the matter shall not be lost sight of.

Respectfully submitted,

CHARLES S. ASHLEY,
SAMUEL HIGHAM,
WILLIAM E. SMITH, } *Ex-officio.*

ISAAC B. TOMPKINS, JR.,
MATTHEW C. JULIEN,
FRANCIS M. KENNEDY,
LEMUEL LEB. HOLMES,
WALTER S. ALLEN,
WILLIAM L. SAYER, } *Elected Trustees.*

# Librarian's Report.

*To the Board of Trustees of the Free Public Library:*

GENTLEMEN:—I have the honor to submit the following report on the condition and work of the library.

During the past year the work has gone along smoothly, with the steady purpose of putting forward the best books and increasing the number of readers.

Special bulletins on the following subjects were prepared and circulated in connection with the monthly bulletins of new books. Lists on: The Cotton Industry; Textile and Textile Industries; Genealogical Works in the Library; The Coronation; Labor, Arbitration, and Strikes; Gosnold and the Island of Cuttyhunk.

A folder was printed giving a classified list of reference books in use. A recent topical list of magazines and newspapers taken, including some two hundred and eighty titles, has also been distributed. Special reading lists on topics of current interest have been from time to time shown on the bulletin board.

The display of art photographs has been continued through the year, changing every Saturday. In this way many hundreds of photographs have been brought to the attention of visitors.

Through the courtesy of Miss Mary B. Hathaway a fine collection of classic busts has been loaned to the library, and occupies advantageous positions on the walls of the reading room.

A generous donation of a sum of money for the purchase of books suitable for mothers to read to their young children was made by Mrs. Abraham Taber. These books have proved very satisfactory and have undoubtedly contributed much to the pleasure of parents and children. The list is constantly being added to.

In September arrangements were made with the manager of the Tabard Inn Library for a service of 250 books. The books furnished are books of current interest, mainly fiction. This arrangement has proved very popular, and it saves the library from buying a good deal of fiction which people wish to read, and which perhaps is worth reading, and yet is not worth while to purchase as permanent additions to the library. This experiment was first undertaken by Mr. Ballard of the Pittsfield Atheneum, and ours was perhaps the second public library to make use of this supplemental service. Since then many public libraries are adopting the plan.

By arrangement with the General Theological Library of Boston our library is able to furnish to local clergymen the benefit of a large collection of theological works, and any minister of New Bedford may through this library take books from the above collection.

Library privileges were extended to card-holders of the Millicent Library in Fairhaven during the past year, a gracious appreciation of the courtesies which have been extended to residents of New Bedford and vicinity since the opening of the library ten years ago.

The librarian and two attendants were present at meetings of the Library Convention at Magnolia, where a thousand library workers from all over the continent were assembled. The meetings were productive of much good and were extremely stimulating and interesting.

In October the Massachusetts Library Club met in New Bedford and Fairhaven, and had a session of interest and profit.

To stimulate interest in reading among the boys of the city, selected books to the number of fifty each have been deposited at the North End Guild and at the Union for Good Works. The books have been received with enthusiasm, and I trust will be of benefit. They circulate through the management of the rooms.

Among the most important documents in the possession of the library are the so-called Leonard Papers, which contain the vital records of Old Dartmouth. It has long been considered unsafe that these books and papers should be kept unprotected from danger from fire or theft. They are now being copied in duplicate, and it is hoped that they will be provided with a safe place of deposit where they may be always preserved beyond possibility of injury or mutilation.

Last spring, through the efforts of interested friends, a subscription was started for the purpose of commemorating the life work of the late librarian, Robert C. Ingraham, by raising funds to procure a marble bust which should perpetuate the memory of one who had been identified for a half century with the work of the library. The following circular was prepared:

THE INGRAHAM BUST.

An appeal to the Public Spirited Citizens of New Bedford.

A fund has been started for the purpose of procuring a bust of the late Robert C. Ingraham, to be placed in the public library, In no more fitting manner can the public services of Mr. Ingraham be commemorated than by placing such a memorial among the books he loved, as a testimony of respect from the people whom for fifty years he so unselfishly served.

The contributions already received amount to nearly $600. The responses to this call will undoubtedly be prompt and generous. Any amount, however small, will be gladly received and acknowledged. The committee feels that for such a purpose the contributors should include as many as possible, not only the patrons

of the library, who feel personally indebted to the labors of Mr. Ingraham, but all who appreciate the influence of such a man on the culture of this community.

Subscriptions will be taken by the nndersigned, who has been appointed by the library trustees to act as treasurer of the fund.

GEORGE H. TRIPP,
Free Public Library.

Subscriptions rapidly came in, and within a few weeks $1000 was pledged, and the commission was given to Mr. Walton Ricketson, who is at present making satisfactory progress on the work.

The Woman's Club has very generously voted to provide a pedestal.

During the year special collections of books in Yiddish were put in, and have been highly appreciated by the Hebrew residents of the city. Progress is being made on the German catalogue, and it is hoped to have it ready early in the summer.

Among the donations to the library is a nearly complete collection of the manuscript sermons of Rev. W. J. Potter, given by his son, Mr. Alfred C. Potter of Cambridge.

Among the recommendations for still further improvement in the condition of the library, first is the need of a children's room. It is not possible to do the best work for the young people without separate quarters and special attendance.

The need of improved ventilation has been brought to the attention of the City Property Committee, who are planning to relieve the present extremely unsatisfactory condition of the reading room. It is hoped that effective means will be taken to remedy this defect, as the health and comfort of all who use the room urgently demand fresh air. I would suggest that the branch reading rooms be kept open Sunday afternoons and evenings. I

think it would be very welcome to the residents of those sections, who in increased numbers are using the rooms.

I would renew my suggestion of a year ago, that each card-holder be allowed the privilege of two books, only one of which shall be fiction. Nothing would more tend to decrease the preponderance of fiction reading than the opportunity to take some other book with the story book, which so many choose.

It has been nearly ten years since a registration of card-holders, and during the slack time of early summer it would be well to have a new registration of cards.

Our library should be the depository of all local historical matter. Old deeds, logs, pamphlets, photographs, prints, etc., should find their resting place here, where they may be cared for faithfully and be readily accessible to interested students of local history.

Attention is called to the list of noteworthy books added during the year. (Appendix D).

To get an estimate of the attendance at the library a record was made during one week in January, when it was found that 3,500 people came into the library during that time, over 1000 on Saturday. The largest circulation of one day in the year was 872 on March 1. The month of largest circulation was March, with a circulation of 12,000 books.

The assistants have rendered good work through the year, and one and all have manifested deep interest in the work of the library, which is needed to make any work a success.

I thank the Trustees for their continued confidence and for the advice and assistance which has been ever ready to help the librarian in the duties of his office.

The library is indebted to Congressman Greene for many courtesies in facilitating the relations between the library and the various public offices of the General Government.

The patrons of the library are many; they should be more. Out of 80,000 books, the numerous books of reference, with information desk, telephones, periodicals at their service, help should be found on any subject.

It should be our aim that no one need go away unsatisfied, and the constant purpose of the management is to live up to that standard.

The greatest freedom in the use of books, consistent with their preservation and proper use, is the policy of the modern library.

Respectfully submitted,

GEORGE H. TRIPP, Librarian.

# APPENDIX A.

## CIRCULATION.

| Classification. | No. of Books Circulated. | Percent of Whole. |
|---|---|---|
| Miscellaneous and periodicals | 3,325 | 2.9+ |
| Philosophy | 714 | .6 |
| Religion | 1,148 | 1. |
| Sociology | 1,911 | 1.6 |
| Language | 309 | .3 |
| Science | 2,226 | 1.9 |
| Useful Arts | 2,337 | 2. |
| Fine Arts | 2,888 | 2.5 |
| English Literature | 2,612 | 2.3 |
| Foreign Literature | 652 | .5 |
| Biography | 3,040 | 2. + |
| History | 3,476 | 3.5 |
| Travels | 2,687 | 2.3+ |
| Fiction | 83,571 | 73.5 |
| Foreign Fiction | 2,801 | 2.5 |
| Total circulation | 114,697 | |

# APPENDIX B.

## General Statistics for 1902.

| | | |
|---|---|---|
| Volumes added to the library from all sources | 3,699 | |
| Pamphlets | 1,096 | |
| Total additions | | 4,795 |
| Volumes added by purchase | 3,294 | |
| Volumes added by gift | 405 | |
| Volumes worn out and withdrawn | 546 | |
| Volumes replaced | 154 | |
| Net additions to the library in volumes | | 3,307 |
| Volumes bound (including periodicals and volumes repaired at bindery) | | 1,613 |
| Total number of volumes in the library January 1,1903 | | 81,014 |

| | | |
|---|---|---|
| Periodicals in reading room | | 185 |
| Newspapers in reading room | | 27 |
| New cards issued | | 1,252 |
| Books drawn for home use | | 114,697 |
| Pictures loaned: | | |
| Paintings | 563 | |
| Architecture | 158 | |
| Prints | 113 | |
| Sculpture | 141 | |
| Total | —— | 975 |

| | |
|---|---|
| North Branch:— | |
| Attendance, adults | 4,959 |
| " children | 9,925 |
| Books circulated | 1,660 |
| South Branch:— | |
| Attendance, adults | 3,944 |
| " children | 13,319 |
| Books circulated | 1,008 |

---

## APPENDIX C.

### Expenditures 1902.

### CITY APPROPRIATION.

| | | |
|---|---|---|
| Appropriation | | $12,000.00 |
| Binding | $861.03 | |
| Carrying books (branches) | 60.00 | |
| Freight | 9.52 | |
| Newspapers and periodicals | 1,040.94 | |
| Printing | 347.18 | |
| Repairs | 89.72 | |
| Telephone | 30.00 | |
| Salaries and wages | 9,019.41 | |
| Foreign money orders | 6.07 | |
| Supplies | 342.93 | |
| Furniture | 27.25 | 11,834.05 |

DOG FUND.

| | | |
|---|---|---|
| Balance | | $1,141.04 |
| Income | | 1,553.95 |
| | | $2,694 99 |
| Furniture | $156.13 | |
| Carrying books | 40.00 | |
| Newspapers and periodicals | 57.05 | |
| Photographs | 85.60 | |
| Repairs | 38.60 | |
| Freight | 13.96 | |
| Binding | 44.65 | |
| Printing | 20.00 | |
| Supplies | 76.71 | |
| Balance | | $2,162.29 |

READING ROOM FUND.

| | | |
|---|---|---|
| Balance | | $370.69 |
| N. B. Gas & Edison Light Co. | $224.03 | |
| Furniture | 6.00 | |
| Newspapers and periodicals | 230.03 | |
| Balance | | $140.66 |

JAMES B. CONGDON FUND.

| | |
|---|---|
| Balance | $127.66 |
| Income | 30.00 |
| Balance | $157.66 |

No expenditures.

GEORGE O. CROCKER FUND.

| | |
|---|---|
| Balance | $517.26 |
| Income | 420.00 |
| | $937.26 |
| Books | 862.77 |
| Balance | $74.49 |

OLIVER CROCKER FUND.

| | |
|---|---|
| Balance | $159.06 |
| Income | 60.00 |
| Balance | $219.06 |

No expenditures.

GEORGE HOWLAMD, JR., FUND.

| | |
|---|---|
| Balance | $333.68 |
| Income | 96.00 |
| | $429.68 |
| Books | 207.25 |
| Balance | $226.43 |

SYLVIA ANN HOWLAND FUND.

| | |
|---|---|
| Balance | $1,186.15 |
| Income | 3,001.45 |
| | $4,187 60 |
| Books | 3,411.50 |
| Balance | $776.10 |

CHARLES W. MORGAN FUND.

| | |
|---|---|
| Balance | $166.24 |
| Income | 60.00 |
| Balance | $225.24 |

No expenditures.

CHARLES L. WOOD FUND.

| | |
|---|---|
| Balance | $208.18 |
| Income | 80.00 |
| Balance | $288.18 |

No expenditures.

TOTAL EXPENDITURES.

| | |
|---|---|
| Binding | $905.68 |
| Books | 4,481.52 |
| Carrying books (branches) | 100.00 |
| Freight | 23.48 |
| Furniture | 189.38 |
| N. B. Gas & Edison Light Co. | 224.03 |
| Newspapers and periodicals | 1,328.02 |
| Photographs | 85.60 |
| Printing | 367.18 |
| Repairs | 128.32 |
| Salaries and wages | 9,019.41 |

| | |
|---|---|
| So. Mass. Telephone Co. | 30.00 |
| Supplies | 425.71 |

FINES ACCOUNT.

| | |
|---|---|
| Balance on hand January 1, 1903 | $310.08 |

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## APPENDIX D.

### Some of the Noteworthy Books Added to the Library in 1902.

| | |
|---|---|
| Natural History | R. Lydekker and others |
| Universal Anthology | R. Garnett and others |
| Living Races of Mankind | H. N. Hutchinson and others |
| Library of Religious Poetry | Schaff & Gilman |
| League of the Iroquois | L. H. Morgan |
| Encyclopedia of United States History | |
| History of Norwalk | C. M. Selleck |
| History of Sweden | N. N. Cronholm |
| State of Rhode Island | Edw. Field, editor |
| Catalogue of Morse Collection of Japanese Pottery | |
| Savages of the Ards | G. F. Armstrong |
| Genevan or "Breeches" Bible. 1608 | |
| Latin Bible, Black Letter | |
| Modern Eloquence | T. B. Reed, editor |
| Young Folk's Library | T. B. Aldrich, editor |
| History of the World | H. F. Helmholt |
| American Fur Trade in the Far East | H. M. Crittenden |
| Spanish and English Dictionary | M. V. de la Cadena |
| Writings of F. Bret Harte. 16 vols. | |
| Sir Henry Raeburn | W. Armstrong |
| Lectures of John L. Stoddard. 12 vols. | |
| Reign of Queen Anne. | Justin McCarthy |
| Letters of Daniel Webster | C. H. Van Tyne, editor |
| Historic Houses of New Jersey | W. J. Mills |
| Memories of a Hundred Years | E. E. Hale |
| Visitations of Essex | |
| New International Cyclopedia | |
| Georgian Period | W. Rotch Ware, editor |

| | |
|---|---|
| Modern Mural Decoration | A. L. Baldry |
| Unknown Mexico | Carl Lumholtz |
| Library of Historic Characters | A. R. Spofford and others |
| History of Lace | Mrs. B. Palliser |
| Memoirs | F. A. de Chateaubriand |
| Dictionary of Americanisms | L. S. Clapin |
| Encyclopedia Biblica. 3 vols. | |
| History of America's Cup. | W. M. Thompson and T. W. Lawson |
| Blue Book of American Shipping | |
| Diamond Mines of South Africa | G. F. Williams |
| Britannia | William Camden, 1722 |
| Old English Masters | Timothy Cole |
| Tour in the Netherlands | Robert Southey |
| Fashions in Paris | Octave Uzanne |
| History of the American People | Woodrow Wilson |
| Old Court Suburbs | J. H. Leigh Hunt |
| Old and New London. 6 vols. | Walter Thombury |
| Old and New Edinburgh. 3 vols. | James Grant |
| Colonial Furniture and Interiors | N. W. Elwell |
| Japan | Mortimer Menpes |
| Literature of American History | J. N. Larned |
| Student's Reference Work | C. B. Beach, editor |
| Italy | Samuel Rogers |
| Chaucer. 6 vols. | W. W. Skeat, editor |
| Samlede Vaerker. 9 vols. | Henrik Ibsen |
| Folkendgave. 11 vols. | Bjornstjeune Bjornson |
| American Gardens. | Guy Lowell, editor |
| Australasia Illustrated | Andrew Garrau |
| Anglo-Saxon Review. 10 vols. | Lady R. Churchill, editor |
| Franz Hals. | G. S. Davies |
| Versailles Historical Series. 17 vols. | K. P. Wormeley, trans. |
| Japan and its History, Arts and Literature. 8 vols. | Capt. F. Brinkley |
| Marriages in Reformed Dutch Church. 1639-1801 | |
| Works of Voltaire. 24 vols. | |
| Library of Literary Criticism. 4 vols. | C. W. Moulton |
| Andrea Mantegna | Paul Kristeller |
| Life and Letters of Lady Sarah Lenox | |
| Royal Tombs of Earliest Dynasties | W. M. F. Petrie |
| Novels of Alexandre Dumas. 40 vols. | |
| Writings of Colonel William Byrd | |
| History of Indian Wars in New England | William Hubbard |
| Life of Napoleon Bonaparte. | W. M. Sloane |
| Works of Victor Hugo. 20 vols. | |
| Dictionary of the Bible | James Hastings |

History of France — G. W. Kitchen
Furniture of Our Forefathers — Esther Singleton
Liber de Scriptoribus Ecclesiasticis — Johannis de Trittehem, 1512
Sermonarum de Commendatione Virtutum — Carchano, 1495
History of the Scotch-Irish — C. A. Hanna
English Coronation Records — G. W. L. Legg
Rubens — Emile Michel
Proceedings and Addresses of National Educational Association. 1895-1901
History of Dancing — Gaston Vuillier
Gardens New and Old — John Leyland, editor
English Country Churches — Ralph A. Cram
Sylva of North America. Vols. 13 and 14 to complete set — C. S. Sargent

## APPENDIX E.

# Gifts—1902.

| | Volumes | Pamphlets | Bulletins |
|---|---|---|---|
| American Anti-Vivisection Society, Philadelphia, Pa... | | 1 | |
| American Free Trade League, Boston | | 1 | |
| American Institute of Instruction | | 1 | |
| American-Irish Historical Society, Boston | 1 | 1 | |
| Ames, Y. W., New Bedford... programmes and menus | | | |
| Amherst College, Amherst | | 1 | |
| Andover Theological Seminary, Andover | | 1 | |
| Anonymous | 1 | | |
| Anti-Imperialist League, Boston | | 1 | |
| Appalachian Mountain Club, Boston | | 1 | |
| Ashley, Harrison Everett, New Bedford | | 2 | |
| Balch, E. S., Philadelphia, Pa | 1 | | |
| Benton, Josiah Henry, Jr., Boston | 1 | | |
| Boston, City of | 2 | | |
| Boston Book Company, Boston | | 4 | |
| Boston Musical Bureau, Boston | | 1 | |
| Boston Young Men's Christian Union, Boston | | 2 | |
| Bowdoin College, Brunswick, Me | | 1 | |
| Brayton, John S., Fall River | 1 | | |
| Brown University, Providence, R. I | | 2 | |
| Bunker Hill Monument Association, Boston | 2 | | |
| Bureau of the American Republics, Washington, D. C. | 2 | | |
| Butler Hospital, Providence, R. I | | 1 | |
| Cambridge, City of | 1 | | |
| Caproni, P. P. & Brother, Boston | | 2 | |
| Chicago, Ill., City of | | 3 | |
| Chicago & North-Western Railway (Passenger Dept.). | 1 | | |
| Chickering & Sons, Boston | | 1 | |
| Church, William A., New Bedford.....Old bank note | | 1 | |

| | Volumns | Pamphlets | Bulletins |
|---|---|---|---|
| Columbia University, New York, N. Y. | 1 | | |
| Connecticut Historical Society, Hartford, Ct. | | 1 | |
| Connecticut, State of | 1 | | |
| Coolidge, T. Jefferson, Manchester | | 1 | |
| Cooper Union for the Advancement of Science, New York, N. Y. | | 1 | |
| Cornell University, Agricultural Experiment Station, Ithaca, N. Y. | | 11 | |
| Creelman, James, Washington, D. C. | 1 | | |
| Curtis Publishing Co., Philadelphia, Pa. | | 1 | |
| Dante Society, Cambridge | | 1 | |
| Depew, Chauncey M., New York, N. Y. | | 2 | |
| Equitable Life Assurance Society of the United States, New York, N. Y. | 1 | | |
| Fairhaven, Town of | | 2 | |
| Field Columbian Museum, Chicago, Ill. | | 10 | |
| Fitchburg, City of | 1 | | |
| General Society of Mechanics and Tradesmen, New York, N. Y. | | 1 | |
| Green, Samuel S., Worcester | | 1 | |
| Green, William S., M. C., Fall River | | | Map |
| Hall, Drew B., Fairhaven | 1 | | |
| Hall, Walter Scott, Chicago, Ill. | | 4 | |
| Hampton Normal and Agricultural Institute, Hampton, Va. | | 1 | |
| Hartford Theological Seminary, Hartford, Conn. | | 1 | |
| Harvard University, Cambridge | 2 | 2 | |
| Haskins, Charles Nelson, New Bedford | | 1 | |
| Herrmann, Oscar, New York, N. Y. | | 1 | |
| Hervey, E. Williams, New Bedford | 1 | | |
| Hills, William S., Boston | | 1 | |
| Holcombe, Rev. Willis, New Bedford | 1 | 2 | |
| Hutchinson, H. S. & Co., New Bedford | 1 | 10 | |
| Hyde, James H., New York, N. Y. | 1 | | |
| Indian Rights Association, Philadelphia, Pa. | | 3 | |
| Ingraham, Andrew, New Bedford | | 1 | |
| Jennings, Abraham G., New York, N. Y. | 1 | | |
| Johns Hopkins University, Baltimore, Md. | 1 | | |
| Julien, Rev. M. C., New Bedford | | 1 | |
| Kimball School, New Bedford | | 2 | |
| Kirschbaum, William G., New Bedford | | 1 | |
| Lawson, Thomas W., Boston | 1 | | |

| | Volumes | Pamphlets | Bulletins |
|---|---|---|---|
| Lega-Weekes, Miss Ethel, London, Eng. | | 1 | |
| Leonard, Daniel B., New Bedford | 1 | | |
| Leslie, Edmund Norman, Skaneateles, N. Y. | 1 | | |
| Libraries: | | | |
| Baltimore, Md. Enoch Pratt Free Library | | 1 | 2 |
| Boston Public Library | | 3 | 12 |
| Bradford, Pa. Carnegie Public Library | | 1 | |
| Bridgewater Public Library | | 1 | |
| Brockton Public Library | | | 27 |
| Brookline Public Library | | 2 | 4 |
| Brooklyn, N. Y. Public Library | | 2 | 9 |
| Brunswick, Me. Bowdoin College Library | | 1 | |
| Buffalo, N. Y. Public Library | | 1 | |
| Burlington, Ia. Free Public Library | | 3 | |
| Burlington, Vt. Fletcher Free Library | | 1 | |
| Cambridge Public Library | | 1 | 10 |
| Harvard University Library | | 2 | |
| Chicago, Ill. John Crerar Library | | 3 | |
| Public Library | | 5 | 3 |
| Cleveland, O. Public Library | | 2 | 1 |
| Clinton. Bigelow Free Public Library | | 1 | |
| Dayton, O. Public Library and Museum | | 1 | |
| Detroit, Mich. Public Library | | 1 | |
| Dover, N. H. Public Library | | 2 | 2 |
| Fairhaven. Millicent Library | | 15 | 5 |
| Fall River Public Library | | 2 | 2 |
| Fitchburg Public Library | | | 6 |
| Germantown, Pa. Friends' Free Library | | 1 | |
| Grinnell, Ia. Iowa College Library | | | 2 |
| Groton Public Library | | 1 | |
| Hartford, Conn. Public Library | | 1 | |
| Haverhill Public Library | | 1 | 4 |
| Hyde Park Public Library | | 1 | |
| Jersey City, N. J. Free Public Library | | 1 | 4 |
| Lawrence Public Library | | 2 | |
| Leominster Public Library | | 1 | |
| Los Angeles, Cal. Public Library | | 1 | 8 |
| Lynn Public Library | | 1 | |
| Malden Public Library | | 1 | 1 |
| Marblehead. Abbott Public Library | | 1 | |
| Memphis, Tenn. Cossitt Library | | | 4 |
| Milwaukee, Wis. Public Library | | | 4 |

| | Volumns | Pamphlets | Bulletins |
|---|---|---|---|
| Monmouth, Ill. Warren County Library and Reading Room Association | | | 2 |
| New Haven, Conn. Free Public Library | | 1 | 10 |
| Yale College Library | | 1 | |
| New Orleans, La. Howard Memorial Library | | 1 | |
| New York, N. Y. Aguilar Free Library Society | | 1 | |
| General Society of Mechanics and Tradesmen | | 1 | |
| Mercantile Library | | 2 | |
| Public Library | | | 12 |
| Newark, N. J. Free Public Library | | 1 | |
| Newton Free Library | | 1 | |
| Northampton. Forbes Library | | 1 | |
| Oakland, Cal. Free Library and Reading Rooms | | 1 | |
| Philadelphia, Pa. Free Library | | 1 | |
| Library Company | | | 2 |
| Philadelphia City Institute | | 1 | |
| Pittsburgh, Pa. Carnegie Library | | 3 | 9 |
| Portland, Me. Public Library | | 1 | |
| Poughkeepsie, N. Y. Adriance Memorial Library | | 1 | |
| Providence, R. I. Brown University Library | | | 8 |
| Public Library | | 1 | 10 |
| St. Louis, Mo. Public Free Library | | 5 | |
| Mercantile Library Association | | 1 | |
| Salem Public Library | | 1 | 7 |
| San Francisco, Cal. Public Library | | 1 | 11 |
| Scranton, Pa. Public Library | | 1 | |
| Somerville Public Library | | 1 | 9 |
| Springfield City Library | | 1 | 8 |
| Syracuse, N. Y. Public Library | | 1 | |
| Tacoma, Wash. Public Library | | | 5 |
| Taunton Public Library | | 1 | 1 |
| Trenton, N. J. State Library | 1 | | |
| Waltham Public Library | | | 1 |
| Washington, D. C. Library of Congress | 4 | 1 | |
| Library of the Department of Agriculture | | 2 | 2 |
| Wilmington, Del. Wilmington Institue Free Library | | 1 | |
| Worcester Public Library | | 1 | 8 |
| Library Bureau, Boston | 1 | | |
| Long Island Historical Society, Brooklyn, N. Y. | Sheet | 1 | |
| Lowell Board of Trade, Lowell | 1 | | |
| Lowell Textile School, Lowell | | 2 | |

| | Volumns | Pamphlets | Bulletins |
|---|---|---|---|
| McCullough, John, New Bedford | 6 | | |
| Mansell, W. A. & Co., London, Eng | | 1 | |
| Massachusetts Association of Women Workers, Brookline | | 1 | |
| Massachusetts, Commonwealth of | 36 | 7 | |
| Massachusetts Institute of Technology, Boston | | 1 | |
| Massachusetts Library Club, Boston | | 1 | |
| Massachusetts Single Tax League, Boston | | 1 | |
| Massachusetts Total Abstinence Society, Boston | | 1 | |
| Merrick, Josephine A., New Bedford | 1 | | |
| Mohonk Lake Arbitration Conference, Ulster Co., N.Y. | | 1 | |
| Monroe, Frederick S., New Bedford | 1 | | |
| Moulton, Col. L. F | | 2 | |
| Mount Holyoke College, South Hadley | | 1 | |
| M. W. Prince Hall Grand Lodge | 1 | | |
| National Academy of Sciences, Washington, D. C | 3 | | |
| National Civil Service Reform League, New York, N.Y. | | 1 | |
| National Conference of Charities and Correction, Columbus, O | | 1 | |
| National Educational Association, Winona, Minn. | 1 | 2 | |
| New Bedford, City of | 35 | 39 | |
| New Bedford Textile School, New Bedford | | 1 | |
| New England Catholic Historical Society, Boston | | 2 | |
| New Jersey, State of | 2 | | |
| New York Farmers, New York, N. Y | | 1 | |
| New York School of Journalism, New York, N. Y | | 1 | |
| New York State College of Forestry, Ithaca, N. Y. | | 3 | |
| Newark Technical School, Newark, N. J | 1 | | |
| Newburgh Board of Education, Newburgh, N. Y | | 2 | |
| Newcomb, Harry T., Washington, D. C | | 1 | |
| Pacific School of Osteopathy, Los Angeles, Cal | | 1 | |
| Paine, Robert Treat, Boston | 1 | | |
| Peabody Institute, Baltimore, Md | | 1 | |
| Peabody Institute, Danvers | | 1 | |
| Pennsylvania Prison Society | | 1 | |
| Perkins Institute and Massachusetts School for the Blind, Boston | | 2 | |
| Potter, Alfred C., Cambridge ... Manuscript Sermons of Rev. William J. Potter | | | |
| Pratt Institute, Brooklyn, N. Y | | 1 | |
| Princeton University, Princeton, N. J | | 1 | |
| Randolph, Lewis V. F., Plainfield, N. J | 1 | | |

| | Volumns | Pamphlets | Bulletins |
|---|---|---|---|
| Ricketson, Dr. Arthur, New Bedford | 53 | 10 | |
| Ricketson, Anna and Walton, New Bedford | 1 | | |
| Robbins, Reginald C., Boston | | 1 | |
| Royal Society of Canada, Ottawa, Canada | 1 | | |
| Russell, Miss Ellen M., New Bedford | 2 MSS. | | |
| Samuel, Bunford, Philadelphia, Pa. | | 1 | |
| Sayer, William L., New Bedford | 5 | 7 | |
| School of Industrial Art, Pennsylvania Museum, Philadelphia, Pa. | | 1 | |
| Smith College, Northampton | | 1 | |
| Smithsonian Institution, Washington, D. C. | 3 | 14 | |
| Smyth, G. Hutchinson, D. D. | 1 | | |
| Society of Biblical Literature and Exegesis, Newton Centre | | 1 | |
| Sprague, H. B., East Orange, N. J. | | 3 | |
| Sweven Godfrey | 1 | | |
| Tabor Academy, Marion | | 1 | |
| Tallman, James H., New Bedford | | | |
| 3 copper plates and 10 old documents relating to Bedford bank. | | | |
| Thompson, William, Dartmouth | | 2 | |
| Tripp, George H., Fairhaven | | 3 | |
| Tucker, Dr. Edward T., New Bedford | | 2 | |
| Tufts College, Tufts College | | 1 | |
| Tuskegee Normal and Industrial Institute, Tuskegee, Ala. | | 1 | |
| Union Veteran Legion of the United States, Washington, D. C. | | 1 | |
| United States Government: | | | |
| Civil Service Commission | 5 | | |
| Congress | 150 | 2 | |
| Court of Claims | 1 | | |
| Department of Agriculture | 2 | 276 | |
| Department of Interior | Atlas Folios 7 24 | 212 | |
| Department of Labor | 3 | 5 | |
| Department of the Navy | 5 | 3 | |
| Department of State | 1 | 1 | |
| Department of the Treasury | 11 | 15 | |
| Department of War | Circulars 140 2 | 6 | |
| Indian Commissioners | 1 | | |
| Interstate Commerce Commission | 1 | | |
| Philippine Civil Service Board | | 2 | |

| | Volumns | Pamphlets | Bulletins |
|---|---|---|---|
| Superintendent of Documents | 2 | 12 | |
| Tennessee Centennial Exposition | 1 | | |
| University of Chicago, Chicago, Ill. | 1 | 1 | |
| Universty of Illinois, Urbana, Ill. | | 2 | |
| University of Nebraska, Lincoln, Neb. | | 1 | |
| University of Pennsylvania, Philadelphia, Pa. | | 2 | |
| University of the State of New York, Albany, N. Y. | 1 | | |
| University of Vermont and State Agricultural College, Burlington, Vt. | | 6 | |
| Unknown | 1 | 1 | |
| Upton, William H., Washington, D. C. | | 1 | |
| Vassar College, Poughkeepsie, N. Y. | | 1 | |
| Warren, Winslow, Boston | | 1 | |
| Washington Home, Boston | | 1 | |
| Wellesley College, Wellesley | | 1 | |
| Whitman Mills, New Bedford | 1 | | |
| Williams, William F., New Bedford....Photographs 89 | 2 | | |
| Wilmington Institute, Wilmington, Del. | | 1 | |
| Wing, William A., New Bedford | | 1 | |
| Winslow, Capt. George, New Bedford | | 1 | |
| Wood, Horace, New Bedford | 1 | | |
| Worth, Henry B., New Bedford | | 2 | |
| Yale University, New Haven, Conn. | | 3 | |

## PERIODICALS, ETC.

American Anti-Vivisection Society. Journal of Zoöphily. Philadelphia, Pa., 1902. Q.

American Museum of Natural History. American Museum Journal. New York, N. Y., 1902. Q.

American Peace Society. The Advocate of Peace. Boston, 1902. O.

Brown University. Brown Alumni Monthly. Providence, R. I., 1902. Q.

Catholic Union Publishing Company. The Catholic Union. New Bedford, 1902. fo.

Chicago Banker Company. Chicago Banker. Chicago, Ill., 1902. O.

Christian Science Publishing Society. The Christian Science Journal. Boston, 1902. O.

Christian Science Sentinel. Boston, 1902. fo.

Colored Co-operative Publishing Company. Colored American Magazine. Boston, 1902. O.

Cook, Thomas & Son. Cook's Excursionist. New York, N. Y., 1902. fo.

Gunton Company, The. Lecture Bulletin of the Institute of Social Economics. New York, N. Y., 1902. O.

Holy Cross College. The Holy Cross Purple. Worcester, 1902. O.

Hussey, Mrs. C. M. B., New Bedford. Wilshire's Magazine. New York, N. Y., 1902. O.

Johns Hopkins University. Circulars. Baltimore, Md., 1902. fo.

League of American Wheelmen. Good Roads Magazine. New York, N. Y., 1902. Q.

National Civil Service Reform League. Good Government. New York, N. Y., 1902.

Order of the Golden Age. Herald of the Golden Age. Paignton, Eng., 1902. Q.

Providence Board of Trade. Journal. Providence, R. I., 1902. fo.

Publishers.

O Arauto. Oakland, Cal., 1902. fo.

The Jewish Messenger. New York, N. Y., 1902. fo.

The Primitive Methodist Journal. Fall River, 1902. fo.

Salvation. New York, N. Y., 1902. O.

Single Tax Review. New York, N. Y., 1902. O.

Universalist Leader. Boston, 1902. fo.

Popular Mechanics Company. Popular Mechanics. Chicago, Ill., 1902. fo.

Reform Club, Sound Currency Committee. Sound Currency. New York, N. Y., 1902. O.

Reorganized Church of Jesus Christ of Latter Day Saints. Autumn Leaves. Lamoni, Ia., 1902. O.

The Saints' Herald. Lamoni, Ia., 1902. Q.

Seaman's Friend Society. The Sea Breeze. Boston, 1902. O.

Southern Railway, Office of Land and Industrial Agent. Southern Field. Washington, D. C., 1902. fo.

Taber, Silas S., New Bedford. The Public. Chicago, Ill., 1902. Q.

Travelers' Insurance Company. Travelers' Record. Hartford, Conn., 1902. Q.

United States Government, Congress. Congressional Record Washington, D. C., 1902. Q.

Department of Labor. Bulletin. Washington, D. C., 1902. O.

Worcester Board of Trade. Worcester Magazine. Worcester, 1902. O.

1903. CITY DOCUMENT No. 5.

# ANNUAL REPORT

OF THE

# CHIEF ENGINEER

OF THE

# FIRE DEPARTMENT

OF THE CITY OF NEW BEDFORD

FOR THE YEAR ENDING DECEMBER 31, 1902.

FREDERICK MACY, CHIEF ENGINEER.

NEW BEDFORD, MASS.
THE A. E. COFFIN PRESS, CITY PRINTERS.
1903.

BIBLIOGRAPHICAL
UNION CATALOG
NEW HEBRIDES

COMMITTEE OF THE CITY COUNCIL

ON

# FIRE DEPARTMENT.

1902.

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ALDERMEN,

GEO. H. HEDGE,
Residence, 136 Clinton Street.

DR. LOUIS Z. NORMANDIN,
Residence, 584 Purchase Street.

---

COUNCILMEN,

FRANCIS P. WASHBURN,
Residence, Mill Road.

JOHN E. MORDAUNT,
587 Acushnet Avenue.

ROBERT COOKE,
Residence, 266 Fourth Street.

# ENGINEER'S DEPARTMENT.

CHIEF ENGINEER,

FREDERICK MACY,
Residence, 234 Acushnet Avenue.

FIRST ASSISTANT ENGINEER,

EDWARD F. DAHILL,
Residence, 764 County Street.

SECOND ASSISTANT ENGINEER,

JAMES J. DONAGY,
Residence, 83 Washington Street.

THIRD ASSISTANT ENGINEER,

WILLIAM E. WATSON,
Residence, Corner Fourth and School Streets.

FOURTH ASSISTANT ENGINEER,

ROBERT WOOLFENDEN, JR.,
Residence, 399 Pleasant Street.

CLERK OF BOARD OF ENGINEERS,

FREDERICK B. MACY,
Residence, 22 Parker Street.

MASTER MECHANIC,

DANIEL D. BRIGGS,
Residence, 43 Bedford Street.

ASSISTANT MASTER MECHANIC,

GEORGE H. PARKER,
Residence, 40 Parker Street.

---

DEPARTMENT ENGINEER,

HENRY J. MARSHALL,
Residence, 261 Fourth Street.

---

DEPARTMENT DRIVERS,

GEO. S. ALLEN,
297 Acushnet Avenue.

FRANK A. LEWIS,
Residence, 208 Kempton Street.

---

DEPARTMENT LINEMAN,

WILLIAM CURTIS,
Residence, 43 Wing Street.

---

CAPTAIN CENTRAL ENGINE HOUSE,

LORING T. PARLOW,
Residence, 39 High Street.

# REPORT.

HEADQUARTERS FIRE DEPARTMENT,
CITY HALL, NEW BEDFORD,
December 31, 1902.

GENTLEMEN: — In compliance with the requirements of the City ordinance governing the Fire Department of the city, I herewith submit to you my twenty-sixth annual report of the condition and work performed by this department for the year 1902, together with a list of members, with their rank, number of badge, age, residence and occupation; location of hydrants and fire alarm boxes; a statement of receipts and expenses; fires and alarms; losses and insurance, as near as could be ascertained; and such suggestions as I think will be necessary for the good of the Department.

The department is in very good condition and everything has run smoothly during the year. We have had a larger number of fires than ever before and our losses have been larger than for the past four years. The largest fire we had during the year occurred on Dec. 8th at the factory of Wm. R. West, for which two alarms were given. The loss by this fire was nearly one-half of the total loss for the year.

The city is growing very rapidly and it is in the nature of things that our fires should increase, and as it is many years since there has been any addition to the department.

I would renew my recommendations that something be done the coming year to strengthen the force and give the north and south ends and west side of the city the protection they should have.

## FORCE OF THE DEPARTMENT.

The force of the department consists of two hundred and twenty men, divided as follows: Fourty-four permanently employed and one hundred and seventy-six call men.

## APPARATUS.

The apparatus consists of eight steam fire engines, all in first-class order, one hand engine at the Head of the River, two two-wheeled and one four-wheeled hose reels, eight hose wagons, one combination chemical, three Hayes aerial ladder trucks in commission (one Ryan truck in reserve), nine exercise and coal wagons, and one telegraph wagon.

A new hose wagon has been built for Engine No. 2 during the year.

## HOUSES.

There are eight brick and one frame engine houses, all in good order, and will need little done to them the coming year.

## HORSES.

There are forty-five horses belonging to the department, most of them in very good condition, but it will be necessary to purchase a few the coming year.

## HARNESSES.

There are five sets of harnesses for three-horse hitches, thirteen for two-horses, and ten single harnesses, all in good order.

## HOSE.

There are eighteen thousand two hundred feet of two and one half inch cotton rubber lined hose in good condition.

## WATER SUPPLY.

The number of hydrants, Jan. 1st, 1902, was: seven hundred and fifty (750). Added during the year nineteen (19), making a total of seven hundred and sixty-nine (769).

There are twenty-six reservoirs in good condition to be used in an emergency.

## FIRE ALARM.

This branch of the department is in very good condition. In fact far better than ever before.

During the year we have replaced all of the old weight boxes which have been in service since the alarm was installed thirty-three years ago, and now all of our boxes are of the latest non-interfering pattern.

We have made very good progress with our underground wires, having laid over eighteen thousand feet of lead-covered cables the past year.

Two new boxes have been added and placed as follows: No. 79, on the new Butler mill; No. 584, Cove st. and East French ave.

We have ninety-six (96) boxes, thirty (30) of which are private; twelve (12) bells and strikers; nine (9) fifteen inch engine house gongs; eight (8) seven inch engine gongs and ten (10) small tappers.

## UNDERGROUND FIRE AND POLICE CABLES.

### LAID IN 1898 AND 1899.

| | |
|---|---|
| 1,117 feet | 20 wire cable |
| 1,088 feet | 16 wire cable |
| 515 feet | 12 wire cable |
| 1,316 feet | 10 wire cable |
| 2,358 feet | 9 wire cable |
| 2,163 feet | 7 wire cable |
| 833 feet | 6 wire cable |
| 3,357 feet | 5 wire cable |
| 832 feet | 4 wire cable |
| 835 feet | 3 wire cable |
| 1,762 feet | 2 wire cable |
| 16,177 | |

### LAID IN 1900.

| | |
|---|---|
| 4,673 feet | 6 wire cable |
| 6,012 feet | 2 wire cable |
| 9,242 feet | 3 wire cable |
| 19,927 | |

### LAID IN 1902.

| | |
|---|---|
| 3,893 feet | 6 wire cable |
| 9,498 feet | 3 wire cable |
| 5,295 feet | 2 wire cable |
| 18,686 | |
| Total, 54,790 | |

## PROTECTIVE DEPARTMENT.

The members of this department have been prompt in responding to all alarms, and under the superintendence of its president, Mr. Charles S. Kelley, and his board of directors have rendered efficient service.

I would recommend that an additional supply of rubber covers be furnished them the coming year.

## RECEIPTS AND EXPENDITURES.

| | | |
|---|---|---|
| General appropriation | $78,000.00 | |
| Special | 5,500.00 | |
| Receipts | 723.50 | $84,223.50 |
| Expenditures | $84,026.45 | |
| Transfered to unappropriated funds | 197.05 | $84,223.50 |

### STATEMENT OF EXPENDITURES.

| | | |
|---|---|---|
| Salaries and pay rolls | $64,861.24 | |
| Shoeing and blacksmithing | 2,325.01 | |
| Hay and straw | 2,883.14 | |
| Grain | 2,473.22 | |
| Supplies | 1,346.88 | |
| Lights | 662.96 | |
| Wood and coal | 930.18 | |
| Rents | 124.00 | |
| Telephones | 460.37 | |
| Fire alarm supplies | 1,313.42 | |
| Underground wires | 222.86 | |
| Engine and wagon repairs | 267.86 | |
| Repairs of buildings | 1,211.56 | |
| Horses | 1,735.00 | |
| Horse hire | 132.00 | |
| Printing and incidentals | 649.05 | |
| Harnesses and repairs | 495.25 | |
| House furnishings | 199.21 | |
| Hose | 1,733.24 | $84,026.45 |

## CONCLUSION.

To His Honor the Mayor, and gentlemen of the City Council, for the interest taken in this department; to the Board of Engineers, for their hearty support, and to the officers and members of the Fire and Police Departments for the faithful manner in which they have performed all their duties, I return most sincere thanks.

FREDERICK MACY,
Chief of Fire Department.

## ONWARD STEAM FIRE ENGINE COMPANY, No. 1.

House on Purchase street, foot of Franklin street. Engine built by LaFrance Engine Co., Elmira, N. Y.; capacity 500 gallons per minute; weight of engine as drawn to fires 6,950 pounds; put into service Aug., 1896. Present company organized December 30, 1871.

| Date of Joining | No. of Badge. | Name. | Rank. | Age. | Residence. | Occupation. |
|---|---|---|---|---|---|---|
| April 24, 1893 | 10 | James L. Haskins | Captain | 37 | Engine House | Fireman |
| July 28, 1890 | 16 | Charles H. Thomas | 1st Lieut. | 45 | 87 Locust st. | Roll coverer. |
| July 30, 1894 | 13 | Herbert C. Gifford | 2nd Lieut | 30 | 75 Maxfield st. | City fireman |
| Jan. 28, 1873 | 7 | Julian A. Sweet | Clerk | 54 | 134 State st. | Roll coverer |
| May 7, 1883 | 11 | Fred. W. Brightman | Horseman | 44 | 133 Kempton st | Paint maker |
| Dec. 29, 1884 | 19 | John Whitehead | " | 57 | 565 Purchase st | Cotton works |
| July 31, 1893 | 18 | John Woolfenden | " | 40 | 71 Dean st. | Jeweler |
| Mar. 25 1895 | 6 | L. T. Woolfenden | " | 29 | 70 Linden st. | Shoe dealer |
| Mar. 30, 1896 | 17 | Thomas Walmsley | " | 33 | 1 Ashland st. | Grocer |
| April 30, 1900 | 9 | John F. Winn | " | 27 | 24 High st. | Expressman |
| April 5, 1897 | 8 | Edward L. Wilson | " | 36 | 10 Myrtle st. | Painter |
| Feb. 26, 1900 | 15 | George Palmer | " | 35 | 34 Robeson st. | Machinist |
| Nov. 25, 1901 | 12 | Albert Woolfenden | Substitute | 24 | 97 Maxfield st. | Glass cutter |
| July 28, 1902 | 14 | William F. Thomas | " | 35 | 14 Robeson st. | Roll coverer |
| June 9, 1894 | 20 | John H. Backus | Engineer | 50 | Engine House | Engineer |
| June 9, 1894 | 21 | Edward F. A. Cowen | Driver | 52 | " | Driver |
| Dec. 1, 1894 | 23 | William H. Young | " | 40 | " | Driver |
| | 22 | Joseph L. Crowley | Stoker | 30 | 253 Chestnut st | Machinist |

## PROGRESS STEAM FIRE ENGINE COMPANY, No. 2.

House, corner Purchase street and Mechanics lane. Engine built by the Manchester Locomotive Works, Manchester, N. H.; capacity 500 gallons per minute; weight of engine as drawn to fires, 7,000 pounds; put into commission November 6, 1884. Company organized October 27, 1860.

| Date of Joining. | No. of Badge | Name. | Rank. | Age | Residence. | Occupation. |
|---|---|---|---|---|---|---|
| Sept. 7, 1874 | 32 | Charles F. Dean | Capt. | 46 | 59 Elm st. | Carriage Painter |
| Jan. 12, 1892 | 30 | George W. Haskins | Lieut. | 33 | 527 Purchase st | Carpenter |
| July 1, 1896 | 35 | Wm. L. Durfee | " | 29 | 144 Mill st. | Driver |
| April 22, 1896 | 37 | Chas. E. Robertson | Clerk | 27 | 238 Pleasant st. | Driver |
| Nov. 1, 1862 | 25 | John Downey | Hoseman | 65 | 119 No. 2nd st | Driver |
| July 3 1876 | 34 | Moses Deane | " | 48 | 202 Purchase st | Blacksmith |
| Nov. 7, 1898 | 36 | Timothy S. Downey | " | 24 | 119 No. 2nd st. | Clerk |
| Jan. 12, 1892 | 28 | Henry A. Sherman | " | 48 | 327 County st. | Blacksmith |
| July 2, 1894 | 31 | John H. Dollard | " | 47 | West Elm st | Marblecutter |
| April 22, 1896 | 33 | Chas. P. Johnson | " | 44 | 154 No. 2nd st. | Mechanic |
| Aug. 1, 1898 | 26 | Alfred R. Morse | " | 30 | 19 Mill st. | Driver |
| June 4, 1900 | 27 | Richard F. Burke | " | 33 | 399 West Middle st. | Lamp fixer |
| April 1, 1901 | 24 | Joseph S. Manning | Substitute | 22 | 213 Court st. | Salesman |
| Feb. 3, 1902 | 29 | Chas. H. Lawrence | " | 22 | 189 Kempton st | " |
| Aug. 23, 1893 | 38 | Benj. C. Groves | Engineer | 46 | Engine house | Engineer |
| Feb. 2, 1902 | 40 | Oscar S. Hamond | Stoker | 33 | 70 North st. | Carpenter |
| June 25, 1893 | 39 | Chas. W. Allen | E'g. driver | 46 | Engine house | Driver |
| June 28, 1899 | DD | Chas. A. Haskins | W. driver | 39 | " " | Driver |

## CORNELIUS HOWLAND STEAM FIRE ENGINE COMPANY No. 4.

House, corner Sixth and Bedford streets. Engine built by the Manchester Locomotive Works, Manchester, N. H.; capacity 500 gallons per minute; weight of engine as drawn to fires, 7,000 pounds; put into service May 20, 1884. Company organized Feb. 1, 1867.

| Date of Joining | No. of Badge. | Name. | Rank. | Age. | Residence. | Occupation. |
|---|---|---|---|---|---|---|
| Aug. 29, 1871 | 44 | Chas. S. Wing | Captain | 48 | 279 Acush't ave | Permanent |
| Jan. 13, 1896 | 52 | Arthur C. Smith | 1st Lieu. | 26 | 78 S. Sixth st. | Electrician |
| July 25, 1898 | 47 | Fred L. Jason | 2d. Lieu. | 24 | 111 S. Seventh street | Carpenter |
| Nov. 28, 1898 | 43 | Geo. A. Lowell | Clerk | 30 | 64 Forest st. | Trimmer |
| Feb. 16, 1888 | 49 | Frank C. Jennings | Hoseman | 36 | 19 Allen st. | Clerk |
| Nov. 10, 1879 | 53 | Benjamin F. Hinckley | " | 45 | 173 Fourth st. | Printer |
| Dec. 30, 1895 | 51 | John E. Joseph | " | 33 | 97 So. Sixth st. | Clerk |
| May 28, 1898 | 46 | Walter F. Brownell | " | 32 | 73 Dartm'th st. | " |
| May 28, 1894 | 45 | Louis A. Vierich | " | 31 | Cor. Fifth and Grinnell | Machinist |
| Jan. 5, 1894 | 50 | Henry LaRocque | " | 32 | 86 So. Sixth st. | " |
| July 2, 1894 | 48 | Harry B. Jennings | " | 28 | 358 Reed st. | Clerk |
| Jan. 28, 1901 | 42 | James T. Wing | " | 23 | 279 Acush. ave. | " |
| April 29, 1901 | 54 | Chas. A. Baker | Substitute | 40 | 84 So. Sixth st. | Machinist |
| April 29, 1901 | 55 | Edward L. Moriarity | " | 21 | 174 Fourth st. | Clerk |
| Aug. 28 1878 | 56 | Alonso V. Jason | Engineer | 47 | 111 So. 7th st. | Engineer |
| Jan. 29, 1867 | 57 | Geo. H. W. Tripp | Driver | 65 | 57 Bedford st. | Driver |
| April 1, 1889 | 59 | William C. Kennedy | Driver | 37 | 144 Bedford st. | " |
| Mar. 25, 1889 | 58 | Leander Reed | Stoker | 53 | 3 Bay st. | Clerk |

## ZACHARIAH HILLMAN STEAM FIRE ENGINE COMPANY, No. 5.

House, corner County and Hillman streets. Engine built by La France Steam Fire Engine Co., Elmira, N. Y.; capacity 500 gallons per minute; weight of engine as drawn to fires, 7,300 pounds; put into service March 10, 1894. Company organized December 13, 1873.

| Date of Joining. | No. of Badge. | Name. | Rank. | Age. | Residence. | Occupation. |
|---|---|---|---|---|---|---|
| Dec. 31, 1888 | 70 | Thomas H. Forbes | Captain | 41 | 130 Summer st. | Permanent Fireman |
| Feb. 9, 1891 | 60 | George E. Macomber | 1st Lieut. | 50 | 167 Mill st. | Merchant |
| July 31, 1899 | 64 | Samuel E. Gabriel | 2nd " | 40 | 1 Willis court | Laundryman |
| Oct. 1, 1885 | 63 | Joseph C. Forbes | Clerk | 36 | 299 Chan'ry st. | Clerk |
| Sept. 30, 1890 | 68 | Thomas N. Meyers | Hoseman | 40 | 48 Smith st. | Frame Mak'r |
| Sept. 30, 1889 | 71 | Obed S. Cowing | " | 39 | 278 Mill st. | Carpet Upholsterer |
| Feb. 1, 1893 | 61 | Frank B. Chadwick | " | 30 | 367 Kemp'n st. | Inspector |
| Jan. 26, 1893 | 69 | John F. Gifford | " | 47 | 226 Mill st. | Foreman |
| Dec. 31, 1894 | 66 | Chas. H. Bowman | " | 37 | 446 Acush. ave. | Roll Coverer |
| Oct. 1, 1894 | 65 | William L. Davis | " | 40 | 106 Chestn't st. | Painter |
| April 29, 1895 | 72 | Louis H. Almy | " | 30 | 8 Keene st. | Printer |
| Dec. 28, 1891 | 73 | Ernest L. Soule | " | 40 | 15 Keene st. | Wood Wo'k'r |
| April 27, 1896 | 67 | Edward N. Bennett | Substitute | 42 | 43 Sycamore st. | Clerk |
| Sept. 25, 1899 | 62 | Geo. H. Comstock, Jr. | " | 24 | 143 Mer'mac st. | Machinist |
| Jan. 7, 1874 | 75 | Benj. F. King, Jr. | Engine Driver | 64 | Smith and Cottage sts. | Engine Driver |
| Dec 13, 1873 | 74 | Martin Blanchard | Engineer | 58 | 39 Smith st. | Engineer |
| May 1, 1882 | 76 | Chas. W. Jones | Stoker | 46 | 373 Cottage st. | Wood Wo'k'r |
| Jan. 28, 1883 | 77 | Martin S. Nelson | Wagon Driver | 45 | Engine House | Wagon Driver |

## FREDERICK MACY STEAM FIRE ENGINE COMPANY, No. 6.

House, on Fourth street, head of Potomska street. Engine built by Manchester Locomotive Works, Manchester, N. H.; capacity, 500 gallons per minute; weight of engine as drawn to fires, 7,100 pounds; put into service November 1, 1882. Company organized October 31, 1882.

| Date of Joining. | No. of Badge. | Name. | Rank. | Age. | Residence. | Occupation. |
|---|---|---|---|---|---|---|
| Oct. 26, 1886 | 130 | Edward W. O'Neil | Captain | 42 | 276 Fourth st. | Glasscutter |
| Jan. 1, 1895 | 124 | George H. Whalen | 1st Lieut. | 30 | 9 Warwick st. | Solderer |
| Sept. 26, 1898 | 127 | Robert E. Allen | 2nd Lieut. | 23 | 191 Washt'n st. | Electrician |
| June 30, 1891 | 123 | John F. Rogers | Clerk | 34 | 97 Acush. ave. | Undertaker |
| Oct. 31, 1882 | 132 | Jason L. Ballou | Hoseman | 57 | 35 Crapo st. | Carpenter |
| Oct. 31, 1882 | 125 | Marshall S. Greene | " | 48 | 233 Rivet st. | Mason |
| Oct. 31, 1882 | 135 | Fred. S. Nelson | " | 36 | 43 Sherman st. | " |
| Mar. 27, 1883 | 128 | Joseph Jackson | " | 47 | 1 Bedford st. | Barber |
| May 31, 1892 | 138 | Michael Stapleton | " | 42 | 168 Cove st. | Clerk |
| June 26, 1894 | 126 | James Rock, Jr. | " | 28 | 743 Water st. | Clerk |
| Aug. 8, 1898 | 137 | Fred. C. Edmondson | " | 30 | 32 Winsor st. | Grinder |
| April 24, 1899 | 122 | William C. DeMello | " | 38 | 65 Indepen't st. | Laborer |
| Nov. 28, 1898 | 131 | Michael Quinn | Substitute | 38 | 89 Mosher st. | Clerk |
| Feb. 26, 1900 | 121 | Joseph P. O'Brien | " | 27 | 116 Rivet st. | Machinist |
| Oct. 31, 1897 | 137 | John J. Crowley | Engineer | 45 | 104 Potom'a st. | Engineer |
| May 1, 1898 | 142 | John J. Meaney | Stoker of engine | 33 | 25 Crapo st. | Carpenter |
| Oct. 31, 1882 | 134 | Frank A. C. Greene | Driver of Hose Wa'n | 36 | 87 Acush. ave. | Driver |
| Oct. 31, 1882 | 136 | N. Herbert Greene | Driver | 45 | 59 Bedford st. | " |

## STEAM FIRE ENGINE COMPANY, No. 7.

House, on Durfee street. Engine built by Manchester Locomotive Works, Manchester N. H.; capacity, 500 gallons per minute; weight of engine as drawn to fires, 7,000 pounds; put into service, Sept. 1, 1890. Company organized Sept. 1, 1890.

| Date of Joining. | No. of Badge. | Name. | Rank | Age | Residence. | Occupation. |
|---|---|---|---|---|---|---|
| Sept. 1, 1890 | 205 | Maurice C. Dahill | Captain | 43 | 28 Richm'd st. | Fireman |
| " 1, 1890 | 204 | Edward H. Booth | Lieut. | 52 | 1 Vine st. | Machinist |
| " 1, 1890 | 206 | John H. Ryan | " | 44 | 563 Cottage st. | Plumber |
| Jan. 3, 1893 | 195 | John N. O'Brien | Clerk | 40 | 103 Robeson st. | Merchant |
| Sept. 1, 1890 | 209 | John D. Manseau | Hoseman | 37 | 30 Durfee st. | Salesman |
| " 1, 1890 | 207 | Charles A. Galligan | " | 37 | 762 County st. | Merchant |
| " 1, 1890 | 211 | Geo. A. Bosworth | " | 39 | 20 Richm'd st. | Contractor |
| Dec. 11, 1890 | 203 | Crawford L. Dunham | " | 36 | 131 Mer'm'c st. | Plumber |
| June 1, 1894 | 212 | Thomas C. Lowe | " | 56 | Shawmut ave. | " |
| Sept. 1, 1890 | 210 | James M. Whittaker | " | 37 | 342 Cedar st. | Laundryman |
| Dec. 2, 1894 | 196 | Wm. Simister | " | 36 | 91 Robeson st. | Grocer |
| March 1, 1901 | 197 | Ambrose F. Merchant | " | 30 | Shawmut ave. | Glasscutter |
| " 1, 1901 | 198 | Henry Leeming | Substitute | 32 | 2 Durfee st. | Laborer |
| July 2, 1901 | 208 | John Andrews | " | 33 | 4 Durfee st. | Carpenter |
| Sept. 1, 1890 | 199 | Andrew Tripp | Stoker | 50 | 45 Durfee st. | Shoemaker |
| " 1, 1890 | 200 | James R. Goddard | Engineer | 44 | 695 Cottage st. | Engineer |
| " 1, 1890 | 201 | Wm. H. H. S. King | Driver | 32 | 2 Durfee st. | Driver |
| " 1, 1890 | 202 | Edw. H. Coggeshall | " | 38 | 8 Collins st. | " |

## STEAM FIRE ENGINE COMPANY, No. 8.

House Acushnet avenue and Davis street. Engine built by La France Steam Fire Engine Co., Elmira, N. Y.; capacity 500 gallons per minute; put into service December 1, 1894. Company organized December 1, 1894.

| Date of Joining. | No. of Badge. | Name. | Rank. | Age. | Residence. | Occupation. |
|---|---|---|---|---|---|---|
| April 6, 1897 | 238 | Geo. H. Cook | Captain | 38 | 1604 Acush. av. | Fireman |
| Jan. 12, 1896 | 252 | John H. Hilton | 1st Lieut. | 39 | 1289 " " | Mill Hand |
| Dec. 1, 1894 | 246 | Rob. C. McWhinnie | 2nd " | 41 | 61 Church st. | " |
| " 1, 1894 | 245 | Thos. S. Riley | Clerk | 34 | 527 Cottage st. | Agent |
| " 1, 1894 | 244 | Michael McDonald | Hose | 35 | 334 Cedar st. | Merchant |
| " 1, 1894 | 241 | James Slater | " | 51 | 445 Cottage st. | " |
| " 1, 1894 | 247 | Ed. L. Hughes | " | 32 | 192 Phillips av. | Laborer |
| " 1, 1894 | 248 | Nicholas Whalon | " | 36 | 10 Robeson st. | Merchant |
| " 1, 1894 | 251 | Dan S. Connsidine | " | 38 | 177 Davis st. | " |
| May 1, 1896 | 243 | John H. Finnell | " | 35 | 1642 Acush. av. | Clerk |
| " 1, 1896 | 254 | John S. Francis | " | 32 | 190 Coffin ave. | Mill Hand |
| " 28, 1897 | 253 | Wm. McCann | " | 42 | 200 N. Front st. | Merchant |
| Jan. 6, 1903 | 242 | Fred. C. Dunham | Substitute | 37 | 82 Dean st. | Burnisher |
| " 7, 1902 | 249 | Tim J. O'Brien | " | 38 | 230 Davis st. | Merchant |
| May 5, 1901 | 239 | Horace S. Bennett | Driver | 33 | 191 " " | Fireman |
| Dec. 1, 1894 | 250 | Antonio M. Lemos | " | 38 | 187 " " | " |
| " 1, 1894 | 350 | Wm. R. Moore | Engineer | 39 | 1737 Acush. av. | Engineer |
| " 1, 1894 | 240 | John Watkinson | Stoker | 37 | 441 Pleasant st. | Fireman |

## HANCOCK ENGINE COMPANY, No. 9.

House, located at Acushnet. Engine built by John Agnew of Philadelphia in 1843. Engine removed to Acushnet January 18, 1861, and a company was organized to man her at that time. Company reorganized December 14, 1878.

| Date of Joining. | No. of Badge. | Name. | Rank. | Age. | Residence. | Occupation. |
|---|---|---|---|---|---|---|
| Nov. 28, 1865 | 147 | Francis P. Washburn | Captain | 59 | Acushnet ave. | Carpenter |
| Dec. 14, 1878 | 160 | Herbert M. Spooner | 1st Lieut. | 44 | River st. | Boxmaker |
| Sept. 3, 1883 | 151 | John G. Whalon | 2nd Lieut | 40 | Acushnet ave. | " |
| Feb. 28, 1870 | 146 | John A. Russell | Clerk | 52 | " " | Farmer |
| Nov. 20, 1874 | 158 | Lemuel A. Washburn | Suct'n hose | 64 | " " | Teamer |
| Dec. 4, 1882 | 164 | George W. Hawes | " " | 50 | " " | " |
| Feb. 4, 1889 | 161 | William P. Reed | " " | 51 | Hawes Lane | " |
| May 3, 1886 | 155 | George H. Gifford | Lead'g " | 31 | Acushnet ave. | Carpenter |
| Aug. 26, 1895 | 150 | Allen G. Briggs | " " | 37 | " " | Blacksmith |
| May 31, 1892 | 157 | Walter H. Darling | Steward | 37 | Main st. | Boxmaker |
| Dec. 14, 1878 | 152 | James A. Wilber | Brakeman | 57 | Mill road | Laborer |
| " 27, 1897 | 166 | Frank L. Reed | " | 27 | Acushnet ave. | Carpenter |
| " 6, 1886 | 145 | John F. Parker | " | 33 | Main st. | Painter |
| May 30, 1870 | 148 | Andrew B.Grinnell, jr. | " | 63 | Acushnet ave. | Clerk |
| Dec. 14, 1878 | 165 | Allen Russell, jr. | " | 45 | " " | Farmer |
| Sept. 25, 1893 | 162 | Frederick W. Bowles | " | 37 | " " | Sawer |
| " 16, 1895 | 154 | Edwin F. Davis | " | 36 | Tarkiln hill rd. | Laborer |
| " 24, 1900 | 159 | Frank E. Washburn | " | 25 | Acushnet ave. | Carpenter |
| Nov. 26, 1900 | 149 | Clifford E. Reed | " | 20 | Hawes Lane | Laborer |
| Dec. 31, 1900 | 163 | Floyd E. Darling | " | 22 | Acushnet ave. | Grocer |
| May 26, 1902 | 156 | James H. Griffin | " | 21 | Mill road | Boxmaker |
| " 26, 1902 | 153 | Willard B. Bennett | " | 44 | Acushnet ave. | Blacksmith |
| Nov. 25, 1901 | | Walter H. Hawes | Substitute | 21 | " " | Glass cutter |
| Oct. 28, 1901 | | Avery O. Parker | " | 31 | Tarkiln hill rd. | Carpenter |

## HOOK AND LADDER COMPANY, No 1.

House, corner Purchase street and Mechanics lane. Carriage built by La France Steam Fire Engine Co., Elmira, N. Y.; put into commission April 29, 1895.

| Date of Joining | No. of Badge. | Name. | Rank. | Age. | Residence. | Occupation. |
|---|---|---|---|---|---|---|
| June 24, 1883 | 105 | Edward D. Francis | Captain | 47 | 86 Kempton st. | Shoemaker |
| Feb. 1, 1897 | 89 | David A. Cobb | 1st Lieut. | 34 | West Elm st. | Painter |
| April 26, 1896 | 88 | Harry F. Chase | 2nd " | 30 | 34 Bedford st. | Teamster |
| Mar. 27, 1899 | 100 | William C. Coon | Clerk | 37 | 69 Foster st. | Painter |
| Jan. 31, 1870 | 87 | Lysander W. Davis | Ladderm'n | 67 | 106 Chestnut st. | Carpenter |
| June 24, 1889 | 104 | William L. Fletcher | " | 37 | 223 North st. | Grinder |
| Nov. 29, 1886 | 103 | Alfred M. Gifford | " | 39 | 148 Maxfield st. | Teamster |
| Aug. 25, 1865 | 102 | Charles J. Johnson | " | 70 | 544 Cottage st. | Sparmaker |
| Jan. 1, 1895 | 98 | Edward C. Negus, Jr. | " | 30 | 72 Walden st. | Clerk |
| Jan. 5, 1884 | 101 | Frank Spooner | " | 47 | West North st. | Painter |
| Aug. 7, 1863 | 86 | Philip M. Tripp | " | 64 | 173 Arnold st. | Teamster |
| April 26, 1897 | 106 | William F. Wilcox | " | 47 | Bancroft house | Hostler |
| Jan. 1, 1900 | 107 | Edward F. Magrath | Substitute | 43 | 15 Spruce st. | Shoemaker |
| Feb. 1, 1900 | 91 | George A. Babcock | " | 30 | 66 Mechanics lane | Teamster |
| Feb. 13, 1895 | 97 | Isaac R. Allen | Driver | 43 | 120 High st. | Hostler |
| Sept. 11, 1900 | 92 | Frederick E. Ricketson | Tillerman | 28 | 139 Purchase st. | |

## HOOK AND LADDER COMPANY, No. 2.

House, on Weld street. Carriage built by La France Steam Fire Engine Co., Elmira, N. Y.; put into commission August 30, 1888. Present company organized September, 1888.

| Date of Joining. | No. of Badge | Name. | Rank. | Age. | Residence. | Occupation. |
|---|---|---|---|---|---|---|
| Sept. 1, 1888 | 175 | Martin H. Sullivan | Captain | 44 | 78 North st. | Contractor |
| " 8, 1893 | 176 | Edward M. Murphy | 1st Lieu. | 37 | Richmond st. | Clerk |
| " 1, 1892 | 174 | Charles H. McCarty | 2d. Lieu. | 31 | Clark & State | Driver |
| " 1, 1888 | 180 | Peter F. Sullivan | Clerk | 42 | 328 Cedar st. | Clerk |
| " 1, 1888 | 177 | John S. Harrington | Ladderm'n | 43 | Weld & Pleas't | Grocer |
| " 1, 1888 | 178 | David Warren | " | 45 | 252 State st. | Stable keeper |
| May 1, 1890 | 184 | Frank R. Pease | " | 44 | 923 Acush. ave. | Druggist |
| Mar. 1, 1892 | 173 | William Sellecks | " | 33 | 136 No. Front | Teamster |
| Dec. 18, 1894 | 181 | John T. Conway | " | 27 | 136 " " | Plumber |
| June 1, 1897 | 179 | Michael J. Sullivan | " | 43 | 190 Merrimac | Carpenter |
| Oct. 1, 1895 | 183 | John E. Murphy | " | 31 | 209 Ced'r Gro'e | Clerk |
| May 1, 1896 | 172 | James H. Mahoney | " | 26 | Clark & Mt. Pleasant | Plumber |
| Sept. 1, 1898 | 182 | Mark E. Sullivan | Substitute | 28 | Cottage & Merrimac | Contractor |
| Dec. 13, 1898 | 171 | John H. Galligan | " | 33 | 62 Durfee st. | Clerk |
| Oct. 9, 1894 | 108 | Geo. H. Nickerson | Driver | 34 | 284 Weld st. | Driver |
| Sept. 15, 1895 | 215 | Jeremiah T. Haggerty | Tillerman | 33 | 219 Bowditch | Tillerman |

## HOOK AND LADDER COMPANY, No. 3

House, on Fourth street, head of Potomska. Carriage built by La France Steam Fire Engine Co., Elmira, N. Y.; put into commission November 1, 1891, Company organized November 1, 1891.

| Date of Joining | No. of Badge. | Name. | Rank. | Age. | Residence. | Occupation. |
|---|---|---|---|---|---|---|
| May 1, 1899 | 220 | John W. Donaghy | Captain | 36 | Engine house No. 6 | Capt. |
| Nov. 1, 1891 | 218 | John O'Neil | Lieut. | 37 | 276 Fourth st. | Glass cutter |
| Feb. 7, 1898 | 223 | Henry M. Whelan | " | 25 | 216 County st | Mason |
| Aug. 2, 1897 | 226 | Edward M. Slocum | Clerk | 31 | 18 Sherman st. | Civil engin'r |
| Nov. 1, 1891 | 219 | Dan'l E. Nelson | Ladderm'n | 38 | 314 S. Sec'nd st. | Mason |
| " 1, 1891 | 222 | Henry R. Lindsey | " | 40 | 211 County st. | Carpenter |
| " 1, 1891 | 221 | Henry E. Chase | " | 37 | 177 Grinnell st. | Machinist |
| Feb. 2, 1892 | 225 | Stephen J. Cassidy, Jr. | " | 37 | 25 Welcome st. | Painter |
| Jan. 7, 1895 | 217 | Nelson L. Pike | " | 37 | Rural cemete'y | Sexton |
| July 8, 1897 | 228 | Frank X. Lavoie | " | 42 | 29 Rockland st. | Painter |
| April 5, 1897 | 227 | Wm. H. Greene | " | 25 | 186 County st. | Clerk |
| June 5, 1899 | 224 | Owen J. Dowd | " | 34 | 704 So. First st. | Barber |
| Oct. 1, 1900 | 229 | Geo. Savoie | Substitute | 32 | 39 Indepen't st. | Painter |
| " 1, 1902 | 230 | Frank T. Cooke | " | 25 | 125 Poto'ska st. | Baker |
| Dec. 10, 1901 | 232 | Chas. E. Greene | Driver | 28 | Engine house No. 6 | Driver |
| April 1, 1897 | 231 | Geo. H. Baylies | Tillerman | 31 | Engine house No. 6 | Tillerman |

## CHEMICAL ENGINE COMPANY, No. 1.

House, corner Purchase street and Mechanics lane. Wagon built by Charles F. Halloway, Baltimore, Md.; put into commission July 1, 1895. Company organized December 31, 1871.

| Date of Joining. | No. of Badge. | Name. | Rank. | Age. | Residence. | Occupation. |
|---|---|---|---|---|---|---|
| May 19, 1896 | 80 | David W. Howland | Captain | 66 | 219 Kempt'n st. | Blacksmith |
| " 19, 1896 | 81 | John B. Olliver | Clerk | 38 | 297 Cottage st. | " |
| " 19, 1896 | 83 | John C. Thompson | Hoseman | 42 | 168 Middle st. | Painter |
| " 19, 1896 | 82 | Charles E. Thomas | " | 49 | 286 Kempt'n st. | Carpenter |
| " 19, 1896 | 84 | Frederick E. Mosher | Hostler | 41 | 84 School st. | Hostler |

## HOSE COMPANY, No. 2.

House, corner Weld and Bowditch streets. Wagon built by Brownell, Ashley & Co., New Bedford; put into commission, December 1, 1888. Company organized December 3, 1888.

| Date of Joining. | No. of Badge. | Name. | Rank. | Age. | Residence. | Occupation. |
|---|---|---|---|---|---|---|
| Dec. 3, 1888 | 17 | Reuben Taber | Captain | 46 | Engine house | Perma't man |
| " 3, 1888 | 186 | Stephen L. Finnell | 1st Lieut. | 43 | 17 Reynold st. | Salesman |
| " 3, 1888 | 187 | Bart P. Fury | 2nd Lieut. | 40 | 117 Pleasant st. | " |
| Nov. 3, 1897 | 192 | Michael E. Daley | Clerk | 34 | 141 Davis st. | Carpenter |
| Aug. 1, 1893 | 189 | John H. Watson | Hoseman | 45 | 32 Ashland st. | Merchant |
| April 2, 1895 | 190 | William Moore | " | 27 | 94 Austin st. | Teamer |
| Sept. 1, 1901 | 197 | Hyman Mechaber | " | 28 | 83 Kenyon st. | Merchant |
| May 5, 1902 | 188 | James E. McCarty | Substitute | 26 | Clark st. | Clerk |
| Dec. 12, 1893 | 191 | Arthur R. McDonald | Driver | 31 | Engine house | Driver |

## NEW BEDFORD PROTECTING SOCIETY.

President, Charles S. Kelley; 1st Director, William A. Robinson; 2nd Director, Charles H. Lawton; 3rd Director, Edward T. Pierce; 4th Director, Charles M. Haskell; 5th Director, Edmund F. Maxfield; 6th Director, Edmund Wood; 7th Director, John H. Lowe; 8th Director, Alfred Thornton; Secretary and Treasurer, Edmond L. Wilde.

Thos. B. Akin
George H. H. Allen
James H. Bamford
William Bamford
Lewis E. Bently
George W. Bennett
Simpson J. Blossom
Joseph L. Boucher
Standish Bourne
J. H. Cox, Jr.
R. C. P. Coggeshall
Henry C. Denison
Ernest A. Dunham
Fred C. Dunham
Joseph Dias
John Eldridge, Jr.
James P. Francis
Edward R. Gardner
Frank H. Gifford
Charles H. Gifford
Thos. J. Gifford
Fredrick C. Graves
A. W. Hadley
Fred V. Hadley
John J. Howland
Edgar B. Hammond.
Henry F. Hammond
H. S. Hutchinson
Jas. L. Humphrey, Jr.
Charles S. Kelley, Jr.
Thomas H. Knowles
G. D. Kingman
Edgar R. Lewis
William J. Lewis
Philander F. Manchester
Frederick B. Macy
J. Roland Macy
George I. Macy
Willard Nye, Jr.
Otis N. Pierce
Samuel H. Perry
Edward F. Penney
William H. Pitman
Charles L. Paine
David. L. Parker
Stephen D. Pierce
George A. Phillips
Morgan Rotch
Arthur E. Robbins
Louis H. Richardson
Gardner T. Sanford
Alex T. Smith
Robert Snow
Daniel J. Sullivan
Frederic Taber
William T. Taylor
F. E. Thilo
Alfred G. Wilbor
Albert F. Wilde
Horace Wood
Frederic A. Washburn
Thomas F. Wood
William R. West
Mark T. Vincent

Corrected to January 1, 1903.

EDMOND L. WILDE
Secretary.

# Fire Alarms, Losses and Insurance for 1902.

The losses by fire for the year ending Dec. 31, 1902, was on buildings, $19,843.65. Insurance on buildings, $105,980. On contents, $33,693.18. Insurance on contents, $96,725. Total loss $53,536.83. Total insurance, $202,705. Number of bell alarms, 101. Number of still and telephone alarms, 134. Total 235.

Jan. 1, 1.15 P. M. (Still.) Chimney fire in house 297 Acushnet ave., owned by S. Richmond, and occupied by Mrs. Palmer and others. Responded to by Chemical 1. No loss.

Jan. 2, 12.08 P. M. (Still.) Chimney fire, house Morgan Terrace, owned by R. H. Morgan, and occupied by Mrs. Clement D. Nye. Responded to by men from Station No. 4. No loss.

Jan. 4, 6.15 A. M. Box 81. Fire in brick shed on South Orchard st., owned by N. E. Cotton Yarn Co., and occupied by Howland mills. Cause unknown. Responded to by Engines 2, 4, 5, and 6, Ladders 1 and 3, Chemical 1. Loss on contents, $312.38. Insurance, Blanket policy.

Jan. 6, 6.40 A. M. (Still.) Fire in house 99 Bellville road, owned by Martin Bartley, and occupied by Felix Blanchard, cause, matches and clothing in closet. Responded to by men from Station 8. Loss on building, $70. Insurance, $700.

Jan. 7, 8.49 P. M. Box 56. Chimney fire house 291 So. First st., owned by Potomska Mills Corp., and occupied by mill employees. Responded to by Engines 4 and 6, Ladder 3, Chemical 1. No loss.

Jan. 7, 11.20 P. M. (Still.) Chimney fire, house 320 So. Water st., owned by Joseph Casto, and occupied by John J. Monteiro. Responded to by men from station 4. No loss.

Jan. 8, 5.31 A. M. Fire in stable, Rodman st., east of Water st., owned and occupied by Charles O. Brightman. Cause, caught from

stove. Responded to by Engines 2 and 5, Ladder 1, Chemical 1. Loss on building, $15. Insurance $900. Loss on contents, $180.17 Insurance, $600.

Jan. 12, 4.50 P. M. (Still.) Fire in house cor. Walnut and Fifth sts., owned by A. W. Hayes, and occupied by Dr. C. F. Connor. Cause, spark on longue. Responded to by Chemical 1. Loss on building, $25.84. Insurance, $2,500. Loss on contents, $70. Insurance $2,000.

Jan. 13, 3.45 P. M. (Still.) Fire in brick block cor. Purchase and Hazzard sts., owned by Wamsutta Mills, and occupied by North End Guild. Cause, overheated chimney. Responded to by men from Station 1. No loss.

Jan. 14, 10.15 A. M. Box 34. Fire in store 67 Union st., owned and occupied by S. C. Lowe. Cause, boy set fire to oakum. Responded to by Engines 2 and 4, Ladder 1, Chemical 1. Loss on building, $26. Insurance, $2,400. Loss on contents, $44.60. Insurance, $6,000.

Jan. 14, 8.55 P. M. (Still.) Fire in house on Ashland st., owned by Calix Fountain, and unoccupied. Caused by drying plastering. Responded to by men from Station 7. No loss.

Jan. 16, 5.28 P. M. Box 48. Fire in house 680 So. Water st., owned by Jos. J. Simmons. Caused by lights on altar. Responded to by Engines 4 and 6, Ladder 3, Chemical 1. No loss.

Jan. 17, 8.25, P. M. (Still.) Chimney fire house 167 Cedar Grove st., owned by Peter Downey, and occupied by Henry Plante. Responded to by men from Station 8. No loss.

Jan. 20, 7.30 A. M. (Still.) Chimney fire house 47 Walnut st., owned and occupied by S. P. Richmond. Responded to by men from Station 4. No. loss.

Jan. 21, 2.50 P. M. (Still.) False alarm house 646 Acushnet ave. Responded to by men from Station 1.

Jan. 25, 7.45 P. M. Box 6. False alarm. Responded to by Engines 1 and 7, Ladder 2, Hose 2, Chemical 1.

Jan. 26, 7.55 P. M. (Still.) House on Plainville Road, owned and occupied by John Paul. Responded to by men from Station 7. Loss $875. Insurance, $900.

Jan. 26, 10. 34 P. M. Box 35. Fire in house 66 Fourth st., owned by Mrs. H. A. Holcombe, and occupied by H. A. Holcombe. Cause, lamp overturned. Responded to by Engines 2 and 4, Ladder 1, Chemical 1. No loss.

Jan 27, 9.45 A. M. (Still.) Chimney fire house 18 Seventh st., owned and occupied by Walter S. Thornton. Responded to by men from Station 4. No loss.

Jan. 30, 5.55 P. M. (Still.) Chimney fire house 137 Hawthorn st., owned and occupied by Walter Clifford. Responded to by men from Station 4. No loss.

Feb. 1, 3.55 P. M. (Still.) False alarm, Cornell Stocking Factory. Responded to by men from Station 7.

Feb. 4, 8.12 A. M. Box 46. Fire in office 2 Leonard st., owned and occupied by City Mission. Cause, gas heater. Responded to by Engines 4 and 6, Ladder 3, Chemical 1. Loss on building, $65. Insurance, $1800. Loss on contents, $48.75. Insurance $200.

Feb. 4, 5.15 P. M. (Still.) Fire in house 75 High st., owned by A. E. Covell, and occupied by Fredrick Washburn. Caused by hot flat iron. Responded to by Chemical 1. No loss.

Feb. 5, 7.15 P. M. Box 4. False alarm. Responded to by Engines 5 and 7, Ladder 2, Hose 2, Chemical 1.

Feb. 5, 7.22 P. M. Box 128. False alarm. Responded to by Engines 1 and 8, Ladder 1.

Feb. 5, 6.23 P. M. (Still.) Fire in house 365 Cottage st., owned by Thomas Dunham, and occupied by Geo. Wilson. Cause, spark on couch. Responded to by men from Station 5. No loss.

Feb. 6, 12.53 A. M. Box 56. Fire in candy store 807 So. Water st., owned by Patrick Carney, and occupied by W. G. Chagaroolly. Cause, unknown. Responded to by Engines 4, and 6, Ladder 3, Chemical 1. Loss on building, $150. Insurance, $700. Loss on contents, $50. Insurance $1000.

Feb. 6, 6 P. M. Box 9. False alarm. Responded to by Engines 1, 9 and 8, Ladder 2, Hose 2, Chemical 1.

Feb. 6, 6.15 P. M. Box 9. Fire in barn Wamsutta st., owned and occupied by John Cornell. Cause, unknown. Responded to by Engines 1 and 8, Ladder 2, Hose 2, Chemical 1. No loss.

Feb. 7, 12.55 P. M. (Still.) Bush fire, Bolton Road, owned by N. E. Cotton Yarn Co. Set by boys. Responded to by men from Station 6. No loss.

Feb. 8, 10 A. M. (Still.) Grass fire south side Orchard st. Set by boys, Responded to by men from Station 4. No loss.

Feb. 8, 9.40 P. M. Box 224. Grass fire Buttonwood Park. Set by boys. Responded to by Engines 5 and 7, Ladder 1, Chemical 1. No loss.

Feb. 9, 4.45 P. M. Box 46. Fire in house 223 So. Water st., owned by C. H. Baldwin, and occupied by Jalmer B. Badbeau. Cause, smoking in bed. Responded to by Engines 4 and 6, Ladder 3, Chemical 1. Loss on building $28.55. Insurance, $800. Loss on contents, $26. No insurance.

Feb. 10, 9.50 A. M. Box 223. Fire in house No. 11 Jenney st., owned by Joseph E. Gabriel, and occupied by William Church and Joseph Gabriel. Cause, overheated chimney. Responded to by Engines 2 and 5, Ladder 1, Chemical 1. Loss on building $653.67. Insurance $1,300. Loss on contents $1.50. No Insurance.

Feb. 11, 8.15 A. M. (Still.) Fire in house 137 Fourth st , owned and occupied by James E. Dwight. Cause, rags used in wiping stove. Responded to by men from Station 4. No loss.

Feb. 12, 8.12 A. M. Box 124. Fire in house 282 North Front st., owned by Frank H. Cornell, and occupied by Louis Boyer. Cause, children and matches. Responded to by Engines 1 and 8, Ladder 2, Hose 2, Chemical 1. No loss.

Feb. 12, 5.10 P. M. (Still.) Fire in brick laundry Purchase and Hazzard sts., owned by Wamsutta Mill. Cause, overheated chimney. Responded to by men from Station 1. No loss.

Feb. 14, 7.50 P. M. (Still.) Fire in house 61 Bedford st., owned and occupied by John D. Lawrence. Cause, lamp upset. Responded to by men from Station 4. Loss on building, $213. Insurance, $1000. Loss on contents, $22.50. Insurance $500.

Feb. 15, 12.15 P. M. (Still.) Grass fire So. Orchard st., set by children. Responded to by men from Station 6.

Feb. 16, 1 P. M. (Still.) Grass fire Taber st., set by boys. Responded to by men from Station 4.

Feb. 16, 2.30 P. M. (Still.) Grass fire Bowditch st., north of Davis st., set by boys. Responded to by men from Station 8.

Feb. 16, 1.50 P. M. Box 125. Fire in smokehouse Bowditch st., owned and occupied by C. McDermot. Responded to by Engines 1 and 8, Ladder 2, Hose 2, Chemical 1. No loss.

Feb. 16, 12.10 P. M. (Still.) Grass fire Hall st., near Rivet st. Cause, set by children. Responded to by men from Station 6.

Feb. 19, 9.20 P. M. (Still.) False alarm. Responded to by men from Station 6.

Feb. 20, 11.28 P. M. Box 5. Fire in stable 198 Austin st., owned by Bridget McDonnell, and occupied by Peter McDonnell. Cause, incendiary. Responded to by Engines 1 and 7, Ladder 2, Hose 2, Chemical 1. Loss on building, $750. Insurance, $200.

Feb. 22, 10.12 P. M. Box 58 Fire in store and tenement 937 So. Water st., owned by A. E. Brunelle, and occupied by Wm. Smith, Jr. Cause, falling lamp. Responded to by Engines 4 and 6, Ladder 3, Chemical 1. Loss on building, $15. Insurance, $3,000. Loss on contents, $8. Insurance, $2,000.

Feb. 25, 4.45 P. M. (Still.) Fire in brick tenement house No. 3 Hampton ct., owned by Wamsutta Mills. Cause, overheated chimney. Responded to by men from Weld st. Station. No loss.

March 2, 3.55 P. M. (Still,) Chimney fire in house 452 Bellville ave., owned by P. John Ryan, and occupied by Geo. Parent. Responded to by men from Station 8.

March 2, 10.55 A. M. Box 15, Fire in house 124 Campbell st., owned and occupied by Geo. Howland. Cause, rags caught from furnace. Responded to by Engines 5 and 7, Ladder 2, Hose 2, Chemical 1.

March 3, 6.03 A. M. Box 14. Fire in barn 65 State st., owned and occupied by Chas. S. Ashley. Cause, incendiary. Responded to by Engines 1 and 5, Ladder 1, Chemical 1. Loss on building, $1,350. Insurance, $2,000. Loss on contents, $175, Insurance, $1,100.

March 3, 12.35 P. M. Box 25. Fire in house 312 Kempton st., owned by Wm. Johnson est., and occupied by J. Cosmos and others. Cause, defective chimney. Responded to by Engines 2 and 5, Ladder 1, Chemical 1. Loss on building, $160. Insurance, $1,000

March 8, 6.30 P. M. (Still.) Fire in shed rear No. 1 Engine house, owned by City of New Bedford. Responded to by men from Station 1. No loss.

March 8, 7.30 P. M. Box 6. False alarm Responded to by Engines 1 and 7, Ladder 2, Hose 2, Chemical 1. No loss.

March 11, 12.55 A. M. Box 8. Fire in barn 65 State st., owned and occupied by Chas. S. Ashley. Cause, incendiary. Responded to by Engines 5 and 7, Ladder 2, Hose 2, Chemical 1. No loss.

March 14, 11.50 A. M. Box 135. Fire in house 49 Mitchell st., owned and occupied by Alfred Durant. Cause, children and

matches. Responded to by Engines 1 and 8, Ladder 2, Hose 2, Chemical 1. Loss on building, $143.13. Insurance, $2,000.

March 15, 6.15 P. M. (Still.) Fire in foundry North and Water sts., owned and occupied by A. Swift. Cause, sparks from chimney. Responded to by Chemical 1. No loss.

March 17, 12.10 P. M. (Still.) Chimney fire, house 299 Acushnet ave., owned by E. Stetson, and occupied by J. McDonald. Responded to by Chemical 1. No. Loss.

March 19, 6.50 P. M. (Still.) Fire in house 192 Grinnell st., owned by Josiah Hunt est., and occupied by Clifton H. Cornish. Cause, spontaneous combustion. Responded to by men from Station 4.

March 26, 11.40 A. M. (Still.) Fire in freighthouse, 5 Pearl st., owned and occupied by N. Y. N. H. and H. R. R. Cause, unknown. Responded to by men from Station 1. No loss.

March 27, 11 A. M. (Still.) Brush fire west side of Church st., north of Nash road, owned by Geo. Boardman. Cause, spark from locomotive, Responded to by men from Station 8. No loss.

March 30, 10.55 P. M. Box 116. Fire in house 488 W. Maxfield st., owned by Annie E. Offley, and occupied by Aron F. Joseph. Cause, lamp overturned. Responded to by Engines 5 and 7, Ladder 1, Chemical 1. Loss on building, $25. Insurance, $700. Loss on contents, $105. Insurance, $800.

April 3, 2.10 A. M. (Still.) False alarm. Responded to by men from Station 5.

April 3, 11.14 A. M. Box 5, Fire in icehouse, west of Rockdale ave., owned and occupied by Chas. H. Mosher. Cause, unknown. Responded to by Engine 7. Loss on building, $2,530. Insurance, $3,000. Loss on contents, $2,880. Insurance $3.000.

April 3, 7.50 A. M. Box 21. Fire in lumber shed, 210 No. Water st., owned and occupied by Joseph L. Sherman. Cause, unknown. Responded to by Engines 1, 2 and 5, Ladder 1, Chemical 1. No loss.

April 3, 10.35 P. M. (Still.) Fire in house 355 Union st., owned and occupied by Henry P. Burt. Cause, overheated furnace. Responded to by men from Station 4. No loss.

April 7, 2.05 A. M. Box 18. Fire in house cor. Mill and Purchase sts., owned by Dr. H. H. Webster, and occupied by Mrs. Raymond,

Mrs. Sargent and others. Cause, unknown. Responded to by Engines 1 and 2, Ladder 1, Chemical 1. Loss on building, $965.92. Insurance, $5000. Loss on contents, $1,707.25. Insurance $4,700.

April 8, 6.20 P. M. (Still.) Chimney fire, house cor. Pleasant and Hazzard sts., owned by Mrs. Collons, and occupied by Mr. Leclair and others. Responded to by men from Station 1. No loss.

April 10, 1 A. M. Fire in barn Willow st., near Cottage st., owned and occupied by E. K. Dollard. Cause, unknown. Responded to by Engines 5 and 7, Ladder 2, Hose 2, Chemical 1. Loss on building, 100. Insurance, 100. Loss on contents, $50. Insurance, $125.

April 11, 7.37 P. M. Fire in factory, Myrtle st., owned and occupied by Cornell Stocking Factory. Cause, ringing machine. Responded to by men from Station 7. No loss.

April 11, 11.45 P. M. Fire in factory, Myrtle st., owned and occupied by Cornell Stocking Factory. Responded to by men from Station 7. No loss.

April 11, 11.45 P. M. Box 223. False alarm. Responded to by Engines 2 and 5; Ladder 1, Chemical 1. No loss.

April 13, 11.45 A. M. Grass fire, Allen and Brigham sts., set by boys. Responded to by Chemical 1. No loss.

April 15, 2.15 P. M. Box 9. Freight car, north of Wamsutta st., owned by N. Y., N. H., and H. R. R., and cotton by Wamsutta Mills. Cause, unknown. Responded to by Engines 1 and 8, Ladder 2, Hose 2, Chemical 1.

April 15, 9.45 A. M. (Still.) Fire in house 272 So. Second st., owned and occupied by Manuel J. Espindola. Cause, chimney. Responded to by men from Station 6. No loss.

April 16, 1.51 P. M. Box 12. Fire in woods N. of Grandfield st. Cause, unknown. Responded to by Engines 1 and 8, Hose 2, Ladder 2, Chemical 1. No loss.

April 16, 6.10 P. M. (Still.) Grass fire, Kempton st. Cause, unknown. Responded to by Chemical 1. No loss.

April 17, 12.35 P. M. Box 57. Fire in house 30 Scot st., owned by Prina Borden, and occupied by Mr. Vanarse. Cause, children and matches. Responded to by Engines 4 and 6, Ladder 3, Chemical 1. Loss on building, $47. Insurance, $2,000.

April 17, 4.13 P. M. Box 57. Fire in house 143 Division st., owned by Margret Waldron, and occupied by Mrs. Lena Wilcox. Cause, pot of grease on stove. Responded to by Engines 4 and 6, Ladder 3, Chemical 1. No loss.

April 17, 3.10 P. M. (Still.) Chimney fire, house 74 Ward st., owned and occupied by Mrs. Giles Sanford. Responded to by men from Station 4. No loss.

April 21, 10.20 A. M. Box 27. Fire in building 17 Pleasant st., owned by F. B. & R. B. Green, and occupied by C. C. Doty, Rotch & Potter, M. H. McIntire. Cause, unknown. Responded to by Engines 4 and 6, Ladder 1 Chemical 1. Loss on building, $649.10. Insurance, $10,000 Loss on contents, $1,685.14. Insurance, $11,400.

April 21, 5.40 P. M. Box 134. Fire in house 26 Nye st., owned and occupied by Fred Cardus. Cause, oil stove exploded. Responded to by Engines 1 and 8, Ladder 2, Hose 2, Chemical 1. No loss.

April 22, 1.30 P. M. (Still.) Chimney fiire, house Morgan Terrace, owned by R. H. Morgan, and occupied by Mrs. C. D. Nye. Responded to by men from Station 4. No loss.

April 24, 10.50 A. M. Box 9. Fire in house 672 Acushnet ave., owned by Wm. Smith, and occupied by Wm. Barnes. Cause, kettle of grease on fire. Responded to by Engines 1 and 8, Ladder 2, Hose 2, Chemical 1. No loss.

April 25, 2.31 P. M. (Still.) Fire in wood house, Tarklin Hill road, owned and occupied by Mrs. Evans. Cause, overheated chimney. Responded to by men from Station 7. No loss.

April 25, 2.10 P. M. (Still.) Fire in ash dump, Penniman st. Responded to by men from Weld St. Station. No loss.

April 26, 12.34 A. M. Box 46. Fire in woodshed, So. side A. W. Holmes' wharf, owned and occupied by A. W. Holmes. Cause, sparks from chimney. Responded to by Engines 4 and 6, Ladder 3, Chemical 1. Loss on building, $15. Insurance, $100.

April 25, 8 P. M. (Still.) Fire in house 304 Cedar Grove st., owned and occupied by Frank Krafka. Cause, spark from locomotive. Responded to by men from Weld St. Station. No loss.

April 27, 8.40 A. M. (Still.) Fire in house 119 Chancery st., owned and occupied by W. E. Pierce. Cause, chimney. Responded to by Chemical 1. No loss.

April 28, 7.30 A. M. Box 56. Fire in store and tenement 831 South Water st., owned by Five Cent Savings Bank, and occupied by Philip Leen and others Cause, unknown. Responded to by Engines 4 and 6, Ladder 3. Chemical 1. No loss.

April 30, 3.30 P. M. (Still.) Chimney fire, house 349 Cottage st., owned and occupied by Mrs. Alvin Bourne. Responded to by men from Station 5. No loss.

May 2, 9.10 P. M. Box 97. Fire in office and shed, Coffin ave., owned and occupied by B. F. Smith Co. Cause, overheated stove. Responded to by Engines 1, 5, 7 and 8, Ladder 2, Hose 2, Chemical 1. Loss on building, $50. Contents, $150. No insurance.

May 3, 11.50 A. M. (Still.) Fire in dump, Rockland st. Cause, unknown. Responded to by men from Station 6. No loss.

May 8, 2.40 A. M. Fire in house, Morgan and Cedar sts., owned and occupied by H. H. Nooning. Cause, unknown. Responded to by Engines 2 and 5, Ladder 1, Chemical 1. Loss on building, $1,295. Insurance, $3,000. Loss on contents, $1,382.65. Insurance $2,000.

May 8, 8.05 A. M. Box 75. Fire in factory, Fifth st., owned and occupied by Morse Twist Drill and Machine Co. Cause, overheated smoke stack. Responded to by Engines 2, 4 and 6, Ladder 1 and 3, Chemical 1. No loss.

May 9, 3.40 P. M. (Still.) Fire in dump, Maple and Park sts., set by city men. Responded to by men from Station 4. No loss.

May 9, 5.45 P. M. (Still.) Brush fire, Church st., No. of Nash Road. Cause, spark from locomotive. Responded to by men from Station 8. No loss.

May 10, 7 P. M. (Still.) Fire in bushes, west side Purchase st. Responded to by men from Weld st. Station. No loss.

May 11, 4.40 P. M. (Still.) Fire in house 513 Acushnet ave., owned by Albert Gifford, and unoccupied. Cause, children and matches. Responded to by Chemical 1. No loss.

May 12, 3.40 P. M. (Still.) Brush fire, Bellville ave., set by children. Responded to by men from Station 8. No loss.

May 14, 11.05 A. M. (Still.) Fire in house, Maxfield and Purchase st., owned by N. B. Textile School Corp., and occupied by Thos. Wrigley. Cause, overheated stove. Responded to by Chemical 1. No loss.

May 14, 5.20 P. M. (Still.) Fire in house 446 Belleville ave., owned by John Rivard, and occupied by Mary Gurrin. Cause, spontaneous combustion. Responded to by men from Station 8. No loss.

May 16, 10.30 A. M. Box 3. Fire in woods, Tarklin Hill Road. Cause, spark from locomotive. Responded to by Engine 9. No loss.

May 19, 11.10 a. m. (Still.) Chimney fire in house 32 Wing st., owned by Wm. H. Fuller, agt., and occupied by Wm. H. Fuller, Responded to by men from Weld St. Station. No loss.

May 19, 5.20 P. M. Fire in house 54 Ashland st., owned and occupied by Geo. A. Kirby. Cause, chimney. Responded to by men from Station 7. No loss.

May 20, 9.20 A. M. (Still.) Chimney fire in house 75 Durfee st., owned by Francis Crowley, and occupied by Timothy Crowley. Responded to by men from Station 7. No loss.

May 20, 9.30 P. M. (Still.) Chimney fire, house 85 Allen st., owned and occupied by Laura Sabina. Responded to by men from Station 4. No loss.

May 21, 7.31 A. M. Box 155. Fire in house 202 Bellville ave. est. Wm. A Tillinghast, and occupied by Philip Cordoza and others. Cause, unknown. Responded to by Engines 1 and 8, Ladder 2, Hose 2, Chemical 1. Loss on building, $16.90. Insurance, $3,500. Loss on contents, $200. No insurance.

May 22, 5.07 P. M. Box 34. Fire in house 56 So. Water st., owned by Sylvia Ann Howland, est., and occupied by Geo. Bowen, S. H. Saturs and others. Cause, unknown. Responded to by Engines 2, and 4, Ladder 1, Chemical 1. Loss on building, $364.75. Insurance, $1,000. Loss on contents, $147.41. Insurance, $400.

May 23, 11.35 A. M Box 127. Fire in storehouse 669 Purchase st., owned and occupied by Smith Bros. Cause, overheated chimney. Responded to by Engines 1 and 7, Ladder 2, Hose 2, Chemical 1. No loss.

May 31, 1.45 P. M. Box 17. Fire in electric car, Union Street Railway. Cause, fuse set fire to wood work. Responded to by Engines 1 and 5, Ladder 1, Chemical 1. No loss.

June 5, 2.45 P. M. Box 135. Back draft, house 223 Coggeshall st., owned by Smith Bros., and occupied by J. Sylvia and others. Responded to by Engines 1 and 8, Ladder 2, Hose 2, Chemical 1. No loss.

June 5, 5.25 P. M. (Still.) Box 23. Fire in barn rear 550 Kempton st., owned by Robert Arnett, and unoccupied. Cause, unknown. Responded to by Engines 2, 5 and 7, Ladder 1, Hose 1. No loss.

June 5, 5.05 P. M. (Still.) Fire in city dump, So. Orchard st., set by boys. Responded to by men from Station 4. No loss.

June 6, 8 A. M. (Still.) Fire in blacksmith shop 133 Pleasant st., owned and occupied by J. Bassett. Cause, spark from chimney. Responded to by Chemical 1.

June 6, 11.13 P. M. Box 97. Cottonhouse, Coffin ave., owned and occupied by Whitman Mills. Cause, spontaneous combustion. Responded to by Engines 1, 5, 7 and 8, Ladders 1 and 2, Hose 2, Chemical 1. Loss on contents, $36.05. Blanket policy.

June 6, 3.45 P. M. (Still.) Fire in dump heap, foot of Windsor st. Responded to by men from Station 6. No loss.

June 6, 3.50 P. M. (Still.) Same fire. Responded to by men from Station 4. No loss.

June 8, 1.38 A. M. Box 38. Fire in house 90 So. Sixth st., owned by Andrew M. Bush agt., and occupied by Isabella Gracia and Antone Trinity. Cause, defective chimney. Responded to by Engines 4 and 6, Ladder 1, Chemical 1. Loss on building, $355. Insurance, $1,000. Loss on contents, $50. No insurance.

June 8, 10.30 A. M. (Still.) Ruins of previous fire. Responded to by men from Station 4.

June 10, 10.30 A. M. (Still.) Chimney fire in house 33 Reynolds st., owned by Elizabeth Addy, and occupied by Jos. Donnolly. Responded to by men from Station 7. No loss.

June 14, 7 P. M. (Still.) Chimney fire in house 298 Fourth st., owned by Dr. C. F. Lussier. Responded to by men from Station 6. No loss.

June 18, 7.20 P. M. (Still.) Brush fire, Rivet st. and Bolton Road, set by boys. Responded to by men from Station 6. No loss.

June 18, 12.55 P. M. (Still.) Brush fire, Rivet st. and Bolton Road. Cause, set by boys. Responded to by men from Station 6. No loss.

June 18, 12.30 P. M. (Still.) Fire in dump on Grape st. Cause, unknown. Responded to by men from Station 4. No loss.

June 20, 6 A. M. (Still.) Chimney fire in house 7 Franklin st., owned and occupied by Clarence Bearse. Responded to by men from Station 1. No loss.

June 20, 7.36 P. M. Box 52. Fire in store and dwelling 129, 135 Rivet st., owned and occupied by O. E. Brunnelle. Cause, accident in lighting gas. Responded to by Engines 4 and 6, Ladder 3, Chemical 1. Loss on building, $140. Insurance, $4,000. Loss on contents, $725. Insurance, $3,000.

June 21, 9.20 A. M. (Still.) Fire in house 71 Spruce st., owned and occupied by Jas. McFarlin. Cause, gas set fire to floor timbers. Responded to by men from Station 5. No loss.

June 26, 3.25 P. M. (Still.) Chimney fire in house, Robeson and Cottage sts., owned by Franklin Gay, and occupied by Thomas O'Hara. Responded to by men from Station 7. No loss.

June 27, 8.30 P. M. (Still.) Fire on roof of house 656 Purchase st., owned by J. J. Powers, and occupied by Fred Thorpe. Cause, sky rocket on roof. Responded to by men from Station 1.

July 2, 11.25 P. M. Box 36. Fire in house 229 South Water st., owned by J. J. Powers, agt., and occupied by Joanna C. Pena. Cause, lamp upset. Responded to by Engines 2 and 4, Ladder 1, Chemical 1. No loss.

July 2, 4.28 P. M. Box 56. Fire in out house 530 So. First st., owned by Mrs. Andrew, and occupied by P. Genensky. Cause, set by boys. Responded to by Engines 4 and 6, Ladder 3, Chemical 1. No loss.

July 4, 9.48 P. M. Box 48. Fire in barn 405 So. First st., owned by J. Frank Paulino, and unoccupied. Cause, fireworks. Responded to by Engines 4 and 6, Ladder 3, Chemical 1. No loss.

July 4, 8.50 P. M. (Still.) Fire in house 457 Rivet st., owned by Chas. Granger, and occupied by Thos. Borden. Cause, fireworks. Responded to by men from Station 6. No loss.

July 4, 12.30 P. M. (Still.) Awning on fire, store 541 Purchase st., owned by H. P. Jenney, and occupied by J. Koster. Cause, fireworks. Responded to by men from Station 1. No loss.

July 5, 10.45 A. M. Fire in stable, rear 628 Acushnet ave., owned by M. Donovan, and unoccupied. Cause match in rubbish. Responded to by men from Station 1. No loss.

July 5, 12.45 A. M. (Still). Fire in building 564 Purchase street, owned by Thomas Clines and unoccupied. Cause, fireworks. Responded to by men.

July 15, 6.10 A. M. (Still). Fire in house cor. Spring and Seventh streets, owned and occupied by Dr. Clark. Cause, mice and matches. Responded to by Chemical 1. No loss.

July 15, 8.50 P. M. (Still). Fire on electric car on Durfee street, owned by Union Street Railway. Cause, overheated resistance box. Responded to by men from Station 7. No loss.

July 16, 11.51 A. M. Box 57. Fire in house 12 Independent street, owned by Thomas Duffy and occupied by John Cartwell and others. Cause, oil stove. Responded to by Engines 4 and 6, Ladder 3, Chemical 1. Loss on building, $210. Insurance, $2,000, Coss on contents, $147.95. Insurance, $1,400.

July 24, 10.20 A. M. (Still). Fire in dump, Crapo street. Responded to by men from Station 6. No loss.

July 31, 5.45 P.M. (Still). Brush fire, Bolton road. Set by children. Responded to by men from Station 6. No loss.

Aug. 2, 10.40 A. M. (Still) Fire in house 177 Davis street, owned by Michael Considine est. and occupied by Daniel Considine. Cause, overheated stove. Responded to by men from Station 8. No loss.

Aug. 2, 9.45 P. M. Box 34. Fire in paint shop 24 No. Water st., owned by W. S. Thornton, and occupied by Kern & Wright. Cause, spontaneous combustion. Responded to by Engines 2 and 4, Ladder 1, Chemical 1. Loss on building, $125. Insurance, $1,200, Loss on contents, $365.07. Insurance, $1,000.

Aug. 3, 1.57 P. M. Box 6. Fire in house 15 Hazzard ct , owned by Wamsutta Mills, and occupied by Moses Perault. Cause, children and matches. Responded to by Engines 1 and 7, Ladder 2, Hose 2, Chemical 1. No loss.

Aug. 4, 11.35 A. M. Box 224. Fire in icehouse on Kempton st., owned by F. Wm. Oesting. and occupied by John Manchester. Cause, unknown. Responded to by Engines 2 and 5. Ladder 1, Chemical 1. No loss.

Aug. 8, 4.05 P. M. (Still.) Fire in dump, Crapo st., set by children. Responded to by men from Station 6. No loss.

Aug. 9, 7.30 A. M. (Still.) Fire in stable on Fish Island, owned and occupied by D. Duff & Son. Cause, spark in rubbish. Responded to by Chemical 1. No loss.

Aug. 9, 11.45 P. M. (Still.) Fire on roof of house 8 Morton ct., owned and occupied by Mrs. Ruth Eastwood. Cause, paper balloon. Responded to by men from Station 6. No loss.

Aug. 10, 2.15 P. M. (Still). Fire in house 12 Oneko lane, owned and occupied by Peter Blecha. Cause, spontaneous combustion. Responded to by men from Station 8. No loss.

Aug. 12, 6.52 A. M. Box 135. Fire in house 100 North Front street, owned by Bristol Mfg. Co. and occupied by Antone Frates. Cause, pot of grease in oven. Responded to by Engines 1 and 8, Ladder 2, Hose 2, Chemical 1. No loss.

Aug. 13, 8.21 A. M. Box 45. Fire in house 8 Bonney street, owned and occupied by Frederick Brightman. Cause, child with matches. Responded to by Engines 4 and 6, Ladder 3, Chemical 1. No loss.

Aug. 13, 1.30 P. M. (Still). Chimney fire in house 88 South Sixth street, owned by Leonard Jenney est., and occupied by Clarence Mosher. Responded to by men from Station 4. No loss.

Aug. 14, 4 P. M. Box 57. Fire in house 37 Scott street, owned by P. S. Borden and occupied by N. Vanasse. Cause, spark in rags. Responded to by Engines 4 and 6, Ladder 3, Chemical 1. No loss.

Aug. 18, 12.50 P. M. (Still). Fire in house 137 Acushnet avenue, owned by Charles Cornell and occupied by Sarah Walsh. Cause, unknown. Responded to by men from Station 6. No loss.

Aug. 22, 9.37 A. M. Box 52. Fire in kettle of tar, County street, north of Rivet street. Responded to by Engines 4 and 6, Ladder 3, Chemical 1. No loss.

Aug. 23, 11.40 P. M. (Still). Chimney fire in house 91 First street, owned by E. C. Palmer and occupied by H. J. Edenborough. Responded to by Chemical 1. No loss.

Aug. 29, 7.40 P. M. (Still). Fire in house 373 South Second street, owned by J. D. Roberts and occupied by Mary Marshall. Cause, lamp exploded. Responded to by men from Station 6. No loss.

Aug. 29, 12.25 P. M. (Still). Brush fire, north side Davis street, east of North Front street. Set by boys. Responded to by men from Station 8. No loss.

Aug. 30, 5.00 A. M. Box 31. Fire in store 10 Purchase street, owned by Imogene W. Eddy, and occupied by J. F. Meguinnis. Cause, hot ashes. Responded to by Engines 2 and 4, Ladder 1, Chemical 1. Loss on building, $25; no insurance. Loss on contents, $44.63; insurance, $35.00.

Aug. 30, 9.45 P. M. (Still). Chimney fire, house 60 Merrimack street, owned by Miss Emma Hall and occupied by Honora Mahoney. Responded to by men from Station 1. No loss.

Sept. 23, 6.57 P. M. Box 135. Fire in house 219 Coggeshall street, owned by James F. and Mary Smith, and occupied by James McIntosh. Cause, match in rubbish. Responded to by Engines 1 and 8, Ladder 2, Hose 2, Chemical 1. No loss.

Sept. 24, 1.55 P. M. Box 28. Fire in house cor. Union and Ash streets, owned by J. V. Spare and occupied by H. B. DeWolf. Cause, gas stove. Responded to by Engines 2 and 5, Ladder 1, Chemical 1. No loss.

Sept. 27, 5.45 P. M. (Still). Chimney fire, house Sixth and Russell streets, owned by D. J. Sullivan. Responded to by men from Station 4. No loss.

Sept. 28, 12.15 A. M. Box 48. Fire in store and dwelling 639 South Water street, owned by Antone Pomba, and occupied by Theo. Russell. Cause, lamp falling. Responded to by Engines 4 and 6, Ladder 3, Chemical 1. Loss on building, $18.02; insurance, $500.

Sept. 28, 1.30 P. M. (Still). Fire in house 48 Washburn street, owned by Mike Maroney and occupied by Pat Sullivan. Cause, oil stove. Responded to by men from Weld Street Station. Loss on contents, $13.68; insurance, $700.

Sept. 29, 2.30 P. M. (Still.) Fire in bakery 255 Union st., owned and occupied by S. P. Richmond & Co. Cause, spark from chimney. Responded to by Chemical 1. No loss.

Oct. 4, 8 15 A. M. Box 14. Fire on roof of house 676 Acushnet ave., owned and occupied by John Buckley. Spark from chimney. Responded to by Engines 1 and 5, Ladder 1, Chemical 1. No loss.

Oct. 4, 2.15 P. M. Box 9. Fire in car shed, Wamsutta st. and Acushnet ave., owned and occupied by N. Y., N. H. & H. R. R. Cause, spark on roof. Responded to by Engines 1 and 8, Ladder 2, Hose 2, Chemical 1. No loss.

Oct. 5, 4.45 A. M. Box 46. Fire in butcher's shop, rear 497 So. Water st., owned by Ezekel Howitz, and occupied by Simon Samansky. Cause, overheated stove. Responded to by Engines 4 and 6, Ladder 3, Chemical 1. Loss on building, $30.35. Insurance, $2,000. Loss on contents, $1.25. Insurance, $200.

Oct. 8, 9.58 A. M. Box 24. Fire in house 260 Middle st., owned by David Barnes, and unoccupied. Cause, sparks from chimney. Responded to by Engines 2, 5 and 7, Ladder 1, Chemical 1. Loss on building, $10. No insurance.

Oct. 9, 12.10 P. M. (Still). Chimney fire, house and store 598 Purchase street, owned by I. Therrien and occupied by L. Z. Normandin. Responded to by men from Station 1. No loss.

Oct. 10, 7.30 P. M. (Still). Chimney fire, stable Spring and Second streets, owned and occupied by C. H. Murphy. Responded to by Chemical 1. No loss.

Oct. 13, 3.59 P. M. (Still). Chimney fire, house 452 Belleville avenue, owned by P. John Ryan and occupied by George Barnet and others. Responded to by men from Station 8. No loss.

Oct. 18, 11.37 A. M. Box 223. Fire in house 219 Palmer street, owned and occupied by Frank Bertram. Responded to by Engines 2 and 5, Ladder 1, Chemical 1. No loss.

Oct. 21, 11.30 A. M. Box 25. Fire in barn 209 Middle street, owned and occupied by Herbert L. Weeks. Cause, children and matches. Responded to by Engines 2 and 5, Ladder 1, Chemical 1. Loss on building, $412.50; insurance, $700.

Oct. 21, 4.00 P. M. (Still). Chimney fire, house 175 Middle street, owned and occupied by E. J. O'Keefe. Responded to by Chemical 1. Loss on building, $13.84; insurance, $3,000.

Oct. 25, 6.57 A. M. Box 124. Fire in store and dwelling 1122 Acushnet avenue, owned by George Boardman and occupied by Mrs. Eliza Bolton. Caused by careless use of matches. Responded to by Engines 1 and 8, Ladder 2, Hose 2, Chemical 1. Loss on contents, $16.40; insurance, $500.

Oct. 25, 12.28 A. M. Box 46. Fire in shed foot of Cannon street, owned and occupied by A. W. Holmes. Cause, spark from chimney. Responded to by Engines 4 and 6, Ladder 3, Chemical 1. Loss on building, $25; insurance, $80. Loss on contents, $21.25; insurance, $100.

Oct. 28, 5.45 P. M. Box 46. Fire in house 327 South Water street, owned by Samuel Genensky and occupied by Joseph Cruz. Cause, child upset lamp. Responded to by Engines 4 and 6, Ladder 3, Chemical 1. Loss on contents, $15; insurance, $400.

Oct. 30, 1.20 P. M. Box 42. Chimney fire, house 13 Rural street, owned by B. H. Kirby and occupied by F. A. Ryder. Responded to by Engines 4 and 6, Ladder 3, Chemical 1. Loss on contents, $10; insurance, $1000.

Oct. 31, 11.50 A. M. (Still). Chimney fire, house rear Wall street, owned by Annie Burns and occupied by Margaret Miskelly. Responded to by men from Station 1. No loss.

Oct. 31, 2.20 P. M. (Still). Chimney fire, house 62 Fifth street, owned and occupied by Dr. M. H. Leonard. Responded to by men from Station 4. No loss.

Oct. 31, 7.15 P. M. (Still). Fire in house 20 Second street, owned by C. H. Cook and occupied by B. F. Irish. Cause, oil stove. Responded to by Chemical 1. No loss.

Nov. 9, 12.08 P. M. (Still.) Fire in house cor. Pleasant and Union sts., owned by est. J. D. Thompson, and occupied by R. D. Cass and others. Cause, spark in excelsior. Responded to by Chemical 1. No loss.

Nov. 9, 12.10 P. M. Box 31. Same fire. Responded to by Engines 2 and 4, Ladder 1, Chemical 1. No loss.

Nov. 12, 5.22 P. M. Box 36. Fire in house 47 First st., owned by Mrs. Hetty Green, and occupied by Annie Gomes. Cause, overturned lamp. Responded to by Engines 2 and 4, Ladder 1, Chemical 1. No loss.

Nov. 17, 5.30 P. M. (Still.) Fire in dump, foot of Washburn st. Responded to by men from Weld St. Station. No loss.

Nov. 18, 3.42 P. M. Box 17. Fire in out building 72 Maxfield st., owned by Lucas est. Cause, children and matches. Responded to by Engines 1 and 5, Ladder 1, Chemical 1. No loss.

Nov. 20, 5.30 P. M. (Still.) Chimney fire, house 123 Weld st., owned by Chas. A. Galligan, and occupied by Jos. Gouette. Responded to by men from Weld St. Station. No loss.

Nov. 20, 12.42. P. M. (Still.) Chimney fire, house 7 Spruce st., owned by Isaac Francis, and occupied by Jos. A. Murphy. Responded to by men from Station 5. No loss.

Nov. 21, 12.50 A. M. Box 21. Fire in stave mill, north Water street, owned by Thomas Luce & Son, and unoccupied. Cause, spark from chimney. Responded to by Engines 1, 2 and 5, Ladder 1, Chemical 1. No loss.

Nov. 21, 6.35 P. M. (Still). Fire in freight car. Freight Yard N. Y., N. H. & H. Railroad. Cause, overheated heating apparatus. Responded to by men from Station 1. No loss.

Nov. 22, 10.30 P. M. Box 224. Fire in house 21 Beech street, owned and occupied by John Cameron. Cause, oil heater. Responded to by Engines 5 and 7, Ladder 1, Chemical 1. Loss on building, $575; insurance, $1500. Loss on contents, $874.25; insurance, $1500.

Nov. 23, 10.35 P. M. (Still). Chimney fire, house 185 Fourth street, owned by est. J. Harvey Sherman and occupied by J. Clifford Sherman. Responded to by men from Station 4. No loss.

Nov. 23, 6.54 P. M. Box 53. Fire in house 39 Independent street, owned and occupied by Damasse Millett. Cause, wood in oven. Responded to by Engines 2 and 4, Ladder 3, Chemical 1. No loss.

Nov. 27, 12.30 P. M. Box 57. Fire in house 71 Mosher st., owned and occupied by Rita M. Sylvia. Cause, pan of grease on stove. Responded to by Engines 4 and 6, Ladder 3, Chemical 1, No loss.

Nov. 27. 11.25 A. M. (Still.) Fire in tailor shop 327 Acushnet ave., owned by Dr. A. Ricketson, and occupied by J. Morris. Cause, stove pipe fell down. Responded to by Chemical 1. No loss

Nov. 28, 9.05 P. M. (Still.) Fire in house 4 Rockland st., owned by Patrick Winterson, and occupied by J. W. Donaghy. Cause, lace curtain caught from gas jet. Responded to by men from Station 6. No loss.

Nov. 29, 2.15 P. M. Box 135. Fire in house 1093 Acushnet ave., owned by Caleb Slade, and occupied by Frank Corson. Cause, oil stove tipped over. Responded to by Engines 1 and 8, Ladder 2, Chemical 1. Loss on building, $35.35. Insurance, $6,000. Loss on contents, $47. Insurance, $600.

Nov. 30, 2.20 A. M. Box 224. Same fire. Responded to by Engines 5 and 7, Ladder 1, Chemical 1. Loss on building, $2,500. Insurance $2,500. Loss on contents, $750. Insurance, $1,000.

Nov. 30, 12 M. (Still.) Fire in icehouse, Cannonville, owned by F. Wm. Oesting, and occupied by John Manchester. Cause, unknown. Responded to by Chemical 1.

Dec. 2, 5.59 P. M. Box 48. Fire in house 277 South Second street, owned by Joseph Freitas and occupied by Joseph Morris. Cause, back draft. Responded to by Engines 4 and 6, Ladder 3, Chemical 1. No loss.

Dec. 2, 7.30 P. M. (Still). Chimney fire, 3 Franklin street, owned by Mr. Tilton and occupied by Octave Peloquin. Responded to by men from Station 1. No loss.

Dec. 3, 11.00 A. M. (Still). Chimney fire, 264 Pleasant street, owned and occupied by Abitha Rogers. Responded to by men from Station 1. No loss.

Dec. 4, 10.45 A. M. (Still). Fire in foundry, Elm and North Water streets, owned and occupied by Hill Electric Co. Cause, overheated chimney. Responded to by Chemical 1. No loss.

Dec. 5, 10.30 A. M. (Still). Chimney fire, 48 Rockland street, owned by Mrs. Mary Paul and occupied by Benjamin McGuinnis. Responded to by men from Station 6. No loss.

Dec. 5, 4 30 P. M. (Still). Chimney fire, house 197 County street, owned by Mrs. Pane and occupied by Dr. E. F. Cody. Responded to by men from Station 6. No loss.

Dec. 6, 8.45 A. M. (Still). Fire in house 25 Seventh street, owned and occupied by A. P. Smith .Cause, back draft. Responded to by Chemical 1. No loss.

Dec. 6, 7.20 P. M. (Still.) Fire in blacksmith shop 324 Purchase st., owned by Howland Bros., and occupied by C. C. Lawton. Cause, caught from forge. Responded to by men from Station 5. No loss.

Dec. 7, 11.15 P. M. (Still.) Chimney fire, house 9 Smith st., owned by B. Frank Wordell, and occupied by Wm. Godfrey. Responded to by men from Station 5. No loss.

Dec. 8, 9.36 A. M. Box 127. Fire in paint shop 830 Purchase st., owned and occupied by Wm. R. West. Cause, unknown. Responded to by Engines 1 and 7, Ladder 2, Hose 2, Chemical 1. Loss on building, $2,600. Insurance, $6,000. Loss on contents, $18,000. Insurance, $21,000.

Dec. 8, 9.42 A. M. Box 127. Second alarm, same fire. Responded to by Engines 5 and 8, Ladder 1. Loss on Poisson Bros. building, $430. Insurance $3,000. Loss on contents, $2,914.80. Insurance, $21,000.

Dec. 8, 1.55 P. M. (Still.) Paint shop 830 Purchase st., owned and occupied by Wm. R. West. Responded to by men from Station 1.

Dec. 8, 11.51 A. M. Box 57. Fire in shed, Division and So. Water sts., owned by F. Wm. Oesting, and occupied by John King. Cause, hot ashes. Responded to by Engines 4 and 6, Ladder 3, Chemical 1. Loss on building, $150. Insurance $1000.

Dec. 8, 9.10 A. M. (Still). Fire in house 59 Washburn street, owned and occupied by Tynoc Psustas. Cause, set by children. Responded to by men from Weld Street Station. No loss.

Dec. 9, 1.50 A. M. Box 58. Fire in house 11 Thatcher street, owned by William Gallagher and occupied by Mrs. M. E. Brown. Cause, smoking on lounge. Responded to by Engines 4 and 6, Ladder 3, Chemical 1. Loss on building, $45; insurance, $1000.

Dec. 10, 12.30 A. M. Box 125. Fire in house 74 Hicks street, owned by Frank Fregeau and occupied by Mr. Senical. Cause, open flue in chimney. Responded to by Engines 1 and 8, Ladder 2, Hose 2, Chemical 1. Loss on building, $283; insurance, $2400.

Dec. 10, 9.26 p. m. (Still). Fire in house and store 395 Cedar street, owned by Bridget McDonell and occupied by William Sinister. Cause, plumber repairing pipes. Responded to by men from Station 7. No loss.

Dec. 10, 11.30 a. m. (Still). Fire in house 4 Wall street, owned by Susan Watson and occupied by Eugine Sullivan. Cause, thawing water-pipes. Responded to by men from Station 1. No loss.

Dec. 10, 9 a. m. (Still). House 76 Hicks street, owned and occupied by Frank Fregeau. Cause, water front burst in stove. Responded to by men from Weld street station. No loss.

Dec. 10, 12.39 a. m. Box 28. Fire in house 196, 198 Cottage st., owned by Louis Schuler, and occupied by Louis Schuler and Emma Wheeler. Cause, spark in rubbish. Responded to by Engines 2 and 5, Ladder 1, Chemical 1. Loss on building, $295. Insurance, $1,000.

Dec. 10, 1.50 p. m. (Still.) Chimney fire 99 Madison st., owned and occupied by Andrew G. Pierce, Jr. Responded to by men from Station 4, No loss.

Dec. 14, 4.20 p. m. (Still.) Fire in house Union and Fifth sts., owned and occupied by Winship & Smith. Cause, overheated chimney. Responded to by Chemical 1. Loss on building, $62. Insurance, $8,000.

Dec. 14, 1.05 p. m. (Still.) Fire in house 4 Jenney st., owned and occupied by W. H. Hathaway. Cause, chimney. Responded to by men from Station 5. No loss.

Dec. 16, 5.15 p. m. (Still.) Fire in house 1,417 Acushnet ave., owned by Andrew Soucy, and unoccupied. Cause, drying plastering. Responded to by men from Station 8. No loss.

Dec. 16, 5.50 p. m. Box 24. Fire in house 292 Middle st., owned by David Burns, and occupied by Edw. Carter. Cause, chimney. Responded to by Engines 2, 5 and 7, Ladder 1, Chemical 1. No loss.

Dec. 19, 5.08 p. m. Box 59. (False alarm). Responded to by Engines 4 and 6, Ladder 3, Chemical 1.

Dec. 20, 10.00 p. m. (Still). Fire in house 176 Bowditch street, owned and occupied by Thomas Carron. Cause, stove overturned. Responded to by men from Weld Street Station. No loss.

Dec. 21, 1.40 a. m. Box 26. Fire in house cor. Elm and Bethel streets, owned by F. A. Soule and occupied by Elmer Jones and others. Cause, oil stove. Responded to by Engines 1, 2 and 5, Ladder 1, Chemical 1. Loss on building, $130; insurance, $2000. Loss on contents, $50; no insurance.

Dec. 24, 1.40 p. m. (Still). Fire in house 89 Potomska street, owned by Mrs. Jackson and occupied by Robert Halliday. Cause, spark on lounge. Responded to by men from Station 6. No loss.

Dec. 25, 6.05 a. m. (Still). Chimney fire in house 271 Union street, owned and occupied by Dr. Brownell. Responded to by Chemical 1. No loss.

Dec. 28, 9.44 a. m. Box 48. Fire in house 324 South Second street, owned by H. S. Peirce and occupied by M. S. Macedo and others. Cause, thawing out pipes Responded to by Engines 4 and 6, Ladder 3, Chemical 1. Loss on building, $57; insurance, $500.

Dec. 29, 4.45 p. m. Box 124. Fire in store 955 Acushnet avenue, owned and occuped by A. Mendelson. Cause, gas jet in window. Responded to by Engines 1 and 8, Ladder 2, Hose 2, Chemical 1. Loss on building, $10; insurance, $4000. Loss on contents, $200; insurance, $4000.

Dec. 30. 4.30 p. m. (Still.) Fire in house 156 Fourth st., owned by Allen Simmons, and occupied by Jacob Langendoper. Cause, candles on Christmas tree. Responded to by men from Station 4.

Dec. 30, 7.00 p. m. Box 135. Warehouse, Coggeshall st., owned and occupied by Bristol Mill. Cause, spontaneous combustion. Responded to by Engines 1 and 8, Ladder 2, Hose 2, Chemical 1. Loss on building, $23. Loss on contents, $22. Insurance, Blanket policy.

Following is the amount of losses by fire in this city for the past twenty-six years, together with amount of insurance on same:

| | | |
|---|---|---|
| 1877 | $26,063.66 | $21,528.36 |
| 1878 | 28,154.46 | 66,025.00 |
| 1879 | 9,163.16 | 54,950.00 |
| 1880 | 7,609.13 | 49,450.00 |
| 1881 | 26,624.96 | 86,979.00 |
| 1882 | 23,169.64 | 692,950.00 |
| 1883 | 17,398.14 | 77,450.00 |
| 1884 | 134,729.82 | 310,950.00 |
| 1885 | 6,982.41 | 148,025.00 |
| 1886 | 26,786.03 | 1,108,800.00 |
| 1887 | 45,141.50 | 708,150.00 |
| 1888 | 32,881.87 | 125,927.00 |
| 1889 | 42,285.71 | 182,772.00 |
| 1890 | 18,145.02 | 71,300.00 |
| 1891 | 43,032.65 | 297,488.13 |
| 1892 | 73,947.46 | 271,710.00 |
| 1893 | 94,516.21 | 231,375.00 |
| 1894 | 28,481.98 | 186,850.00 |
| 1895 | 55,607.61 | 209,233.33 |
| 1896 | 78,909.83 | 705,800.00 |
| 1897 | 63,638.76 | 973,581.34 |
| 1898 | 47,419.29 | 177,367.46 |
| 1899 | 40,718.40 | 219,575.00 |
| 1900 | 18,781.61 | 155,450.00 |
| 1901 | 30,861.35 | 220,150.00 |
| 1902 | 53,536.83 | 202,705.00 |

# Fire Alarm Telegraph, 1902.

SUPERINTENDENT,
FREDERICK MACY, Chief Engineer.

ASSISTANT SUPERINTENDENT,
DANIEL D. BRIGGS,
Residence, 43 Bedford Street. Office, City Hall.

## LOCATION OF SIGNAL BOXES.

| No. | |
|---|---|
| 3. | Lund's Corner. |
| 4. | Acushnet Heights, near Reservoir. |
| 113. | Merrimack and Summer streets. |
| 116. | Hillman and Ash streets. |
| 123. | Acushnet avenue and Davis street. |
| 124. | Acushnet avenue and Sawyer street. |
| 125. | Corner Bowditch and Weld streets. |
| 126. | Cedar Grove and North Front streets. |
| 127. | Purchase and Linden streets. |
| 128. | County and Penniman streets. |
| 129. | Purchase street and Coffin avenue. |
| 131. | Acushnet avenue and Perry street. |
| 134. | Belleville avenue and Nye street. |
| 135. | Belleville avenue and Coggeshall street. |
| *136. | Soule Mill. |
| *143. | A. L. Blackmer Co. |
| 5. | Linden and Ashland streets. |

6. Hazard and State streets.
7. Purchase and Franklin streets.
8. County and Pearl streets.
9. Wamsutta street and Acushnet avenue.
12. Shawmut avenue and Durfee street.
13. Cedar and Locust streets.
14. Purchase and Willis streets.
15. Smith and Cedar streets.
16. County and Hillman streets.
17. Maxfield street and Acushnet ave.
18. Purchase and North streets.
19. State and Sycamore streets.
21. North and Water streets.
23. Kempton, west of Florence street.
24. Kempton and Cedar streets.
25. County and Kempton streets.
26. Water and Middle streets.
27. Purchase street and Mechanics lane.
28. Court and Cedar streets.
29. Arnold and Ash streets.
31. Acushnet avenue and Union street.
32. Union and Eighth streets.
34. Union and Water streets.
35. Fourth and School streets.
36. Walnut and Water streets.
37. Madison and Orchard streets.
38. Bedford and Sixth streets.
39. Acushnet avenue and Cannon street.
41. Hawthorn and Page streets.
42. Allen and Page streets.
43. Walnut and Seventh streets.
45. Allen and Bonney streets.
46. South Water and Leonard streets.
47. Junction of Sixth and County streets.
48. Water and South streets.
51. Dartmouth and Rockland streets.

52. Fourth street, head of Potomska.
53. Crapo and Rivet streets.
56. South Water and Rivet streets.
57. Mosher and County streets.
58. South Water and Cove streets.
223. Court and Tremont streets.
224. Kempton and Reed streets.
225. Kempton and Florence streets.
226. Rodman and Front streets.
227. New Bedford and Fairhaven Bridge.
*61. Union Street Railway Car Stables.
*62. Grinnell Mills.
*63. Wamsutta Mills.
*64. New Bedford Manufacturing Co.
*65. Hathaway, Soule & Harrington.
*67. New Bedford Cordage Factory.
*68. New Bedford Copper Works.
*69. Dawson's Brewery.
*71. Pairpoint Manufacturing Co.
*72. George Delano's Sons & Co.'s Works.
*73. Potomska Mills.
*74. Acushnet Mills.
*75. Morse Twist Drill Co.
*76. City Manufacturing Co.
*78. Dartmouth Mills.
*79. Butler Mill.
*81. Howland Mills.
*82. Hathaway Mills.
*83. Rotch Mills.
*84. Iron Foundry, foot of Cannon street.
*85. New Bedford Gas Works.
*86. Old Colony Steamboat Co.
*91. Bennett Mills.
*92. New Bedford Casket Co.
*93. Pierce Mills.
*94. Old Colony Freight Depot, Pearl street.

*95. Bristol Mills.
*96. Columbia Mills.
*97. Whitman Mills.
581. City Almshouse.
583. Brock avenue, near Butler street.
584. Cove street and East French avenue.

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* Private boxes.

## Location of Hydrants.

Abbott street, northwest corner Ruth avenue.....
Acushnet av, west side, north of Tarkiln Hill road, 3743.2 feet.
Acushnet av, west side, north of Tarkiln Hill road, 2986.7 feet.
Acushnet av, west side, north of Tarkiln Hill road, 2392.7 feet.
Acushnet av, west side, north of Tarkiln Hill road, 1783.3 feet.
Acushnet av, west side, north of Tarkiln Hill road, 1195.3 feet.
Acushnet av, west side, north of Tarkiln Hill road, 542 feet...
Acushnet av, southwest corner Tarkiln Hill road.....
Acushnet av, west side, south of Tarkiln Hill road 500 feet...
Acushnet av, west side, south of Tarkiln Hill road, 997 feet...
Acushnet av, west side, north of Howard avenue, 600 feet.....
Acushnet av, west side, north of Howard avenue 6 feet.....
Acushnet av, west side, south of Howard avenue, 601 feet.....
Acushnet av, west side, north of Shaw, 610 feet.....
Acushnet av, northwest corner of Shaw.....
Acushnet av, west side, north of Belleville road, 603.5 feet....
Acushnet av, west side, head of Belleville road.....
Acushnet av, northwest corner of Nash road.....
Acushnet av, northwest corner of Hathaway avenue.....
Acushnet av, northwest corner of Davis.....
Acushnet av, southwest corner of Phillips avenue.....
Acushnet av, southwest corner of Dean.....
Acushnet av, west side, north of Sawyer, 574.5 feet.....
Acushnet av, southwest corner of Coggeshall.....
Acushnet av, southwest corner of Cedar Grove.....
Acushnet av, northwest corner of Logan.....
Acushnet av, west side, south of Logan, 335 feet.....
Acushnet av, west side, north of Wamsetta, 514 feet.....
Acushnet av, west side, north of Wamsutta, 372 feet.....
Acushnet av, west side, south of Wamsutta, 255 feet. Flush..
Acushnet av, southeast corner of Pope. Flush.....
Acushnet av, west side, south of Campbell, 179 feet. Flush..
Acushnet av, northwest corner of Maxfield. Flush.....
Acushnet av, northwest corner of Kempton. Flush.....
Acushnet av, northeast corner of Elm. Flush.....
Acushnet av, northwest corner of William.....
Acushnet av, northwest corner of School.....

Acushnet av, northwest corner of Madison
Acushnet av, northwest corner of Russell
Acushnet av, northwest corner of Bedford
Acushnet av, west side, opposite Howland. Flush
Acushnet av, northwest corner of Potomska
Acushnet av, west side, north of Rivet, 98 feet
Acushnet av, southwest corner of Blackmer. Flush
Adams street, south side, west of County, 538.3 feet
Allen street, south side, west of Rural, 445 feet
Allen street, southwest corner of Clover
Allen street, southwest corner of Page
Allen street, north side, east of Page, 159 feet. Flush
Allen street, northwest corner of Ward. Flush
Arch street, southwest corner of Union. Flush
Armour street, southwest corner of Union
Arnold place, west side, south of Rotch court, 38.3 feet
Arnold street, south side, west of Orchard, 96 feet
Arnold street, southwest corner of Chancery. Flush
Arnold street, southeast corner of Atlantic
Arnold street, south side, west of James, 15.3 feet
Ash street, northwest corner of Middle
Ash street, southwest corner of Morgan
Ash street, northwest corner of Arnold. Flush
Ash street, northwest corner Maple. Flush
Ash street, northwest corner of Bedford.
Ashland street, southwest corner of Clark
Ashley street, west side, south of Cove (west), 222.2 feet
Atlantic street, northwest corner of Maple
Atlantic street, southwest corner of Union
Austin street, southwest corner of Purchase
Austin street, southeast corner of State
Austin street, southwest corner of Ashland
Austin street, southeast corner of Cedar
Austin street, south side, on west line of Wilson
Austin street, southeast corner of Shawmut avenue
Austin street, south side, west of Shawmut avenue, 108 feet
Babbitt street, south side, west of Dartmouth, 207.5 feet
Babbitt street, southeast corner of Field
Bedford street, southwest corner of Fourth
Bedford street, southwest corner of Fifth
Bedford street, southwest corner of County
Bedford street, southwest corner of Orchard
Beech street, northwest corner of Kempton

Beetle street, southwest corner of Howard .....
Beetle street, southeast corner of Front .....
Belleville avenue, southwest corner of Washburn .....
Belleville avenue, west side, north of Washburn, 118 feet.....
Belleville avenue, northwest corner of Cedar Grove .....
Belleville avenue, west side, north of Coggeshall, 134 feet ...
Belleville avenue, northwest corner of Beetle .....
Belleville avenue, southwest corner of Plummer avenue .....
Belleville road, southwest corner of Diman .....
Belleville road, south side, east of Acushnet avenue, 1392 feet.
Blackmer street, south side, east of Front, 284 feet .....
Blackmer street, south side, east of Front, 575 feet .....
Blackmer street, south side, east of Front, 738 feet .....
Blackmer street, south side, east of Front, 904 feet .....
Bolton road, west side, north of Rivet, 370 feet .....
Bolton road, west side, north of Rotch Mill No. 2 .....
Bolton road, west side, south of Rotch Mill No. 2 .....
Bolton road, west side, south of Rivet, 1027 feet.....
Bolton road, northwest corner of Poplar road .....
Bonney street, southwest corner of Allen .....
Bonney street, northwest corner of Grinnell .....
Bonney street, northwest corner of Rockland .....
Bonney street, southwest corner of Thompson .....
Borden street, northwest corner of Bedford .....
Borden street, southwest corner of Bay .....
Bowditch street, southwest corner of Weld .....
Bowditch street, west side, south of Cedar Grove, 313 feet ....
Bowditch street, west side, north of Cedar Grove, 244 feet ....
Bowditch street, northwest corner of Coggeshall .....
Bowditch street, southwest corner of Dean .....
Bowditch street, southwest corner of Coffin avenue.....
Bowditch street, west side, north of Coffin avenue, 358 feet...
Bowditch street, southwest corner of Davis .....
Bowditch street, southwest corner Hathaway avenue.....
Bridge street, north side, east from west line of Popes Island Manufacturing Co. building, 483.4 feet. Flush .....
Bridge street, north side, east from west line of Popes Island Manufacturing Co. building, 215.7 feet. Flush .....
Bridge street, south side, west from west line of Popes Island Manufacturing Co. building, 24.6 feet. Flush .....
Bridge street, south side, on Fish Island .....
Bridge street, south side, east of Front street, 200 feet.....
Bridge street, west side, north of Rivet street, 303 feet .....

Brock avenue, southwest corner of David
Brock avenue, southwest corner of Woodlawn avenue
Brock avenue, southwest corner of Willard
Brock avenue, southwest corner, first street south Norman
Brock avenue, west side, south of Butler, 1063 feet
Brock avenue, west side, south of Butler, 2538.1 feet
Brock avenue, northwest corner Marine avenue
Brownell street, west side, south of Union, 387 feet
Bullard street, southwest corner of Belleville avenue
Bullard street, southeast corner of Front
Bullard street, southeast corner of Bowditch
Bullock street, southwest corner of Trinity
Butler street, south side, east from Brock av., 1635 feet. Flush.
Butler street, south side, east of Brock avenue, 287 feet. Flush.
Campbell street, southwest corner of Purchase
Campbell street, south side, east of County, 163 feet. Flush.
Campbell street, south side, west of County, 216.5 feet
Campbell street, southwest corner of Cottage
Campbell street, south side, east of Shawmut av. 205 ft. Flush.
Cannon street, south side, east of Second, 164 feet
Cedar street, northwest corner of Elm
Cedar street, southwest corner of Kempton. Flush
Cedar street, west side, north of Mill, 75 feet. Flush
Cedar street, southwest corner of Hillman. Flush
Cedar street, northwest corner of Sycamore. Flush
Cedar street, southwest corner of Campbell. Flush
Cedar street, southwest corner of Parker. Flush
Cedar Grove street, southeast corner of Front
Cedar Grove street, southeast corner of Howard
Cedar Grove street, south side, west of Bowditch, 383 feet
Cedar Grove street, northwest corner of Purchase
Cedar Grove street, southwest corner of County
Centre street, south side, east of Water, 85 feet. Flush
Chancery street, southwest corner of Maple
Chancery street, west side, north of Arnold, 406 feet
Chancery street, southwest corner of Elm
Chancery street, west side, south of Parker, 176 feet
Chancery street, west side, north of Parker, 650 feet
Chepachet street, northwest corner of Court
Chepachet street, west side, south of Kempton, 531 feet
Cherry street, southeast corner of Seventh. Flush
Chestnut street, southwest corner of North. Flush
Chestnut street, west side, north of Campbell, 96 feet

Chestnut street, southwest corner of Merrimac.....
Church street, west side, north of Belleville road, 300 feet....
Church street, southwest corner of Nash road.....
Church street, southwest corner of Hathaway avenue.....
Church street, west side, north of Coffin avenue, 591.4 feet...
Clark street, southwest corner of State.....
Clark street, south side, west of County 218 feet.....
Clay street, northwest corner of Columbia.....
Cleveland avenue, west side, south of Cove, 681 feet.....
Clinton street, south side, west of County, 224.6 feet.....
Clinton street, south side, west of Ash, 242.5 feet. .....
Coffin avenue, southwest corner of Church.....
Coffin avenue. south side, opposite Oneko Lane.....
Coffin avenue, southeast corner of Front.....
Coffin avenue, southwest corner Belleville avenue.....
Coffin avenue, northwest corner of Riverside avenue.....
Coffin avenue, south side, east of Riverside avenue, 227 feet..
Coffin avenue, north side, east of Riverside avenue, 414 feet...
Coffin street, southwest corner of Water.....
Coffin street, north side, east of Water, 262 feet.....
Coggeshall street, south side, east of Mitchell, 654 feet.....
Coggeshall street, south side, east of Mitchell, 498 feet.....
Coggeshall street, south side, east of Mitchell, 334 feet.....
Coggeshall street, north side, east of Mitchell, 148 feet.....
Coggeshall street southeast corner of Belleville avenue.....
Coggeshall street, southwest corner of Front.....
Coggeshall street, southwest corner of Purchase.....
Coggeshall street, southeast corner of County.....
Coggeshall street, south side, west of County 384 feet.....
Collette street, south side, east of Acushnet avenue, 275 feet...
Collins street, southeast corner of Glover.....
Columbia street, southwest corner of Allen.....
Commercial street, north side, east of Front, 82 feet.....
Cottage road, south side, west of Bolton road, 435 feet.....
Cottage street, southwest corner of Bay.....
Cottage street, northwest corner of Allen.....
Cottage street, northwest corner of Bedford. Flush.
Cottage street, southwest corner of Arnold.....
Cottage street, southwest corner of Union .....
Cottage street, southwest corner of Court.....
Cottage street, southwest corner of Kempton .....
Cottage street, southwest corner of Mill .....
Cottage street, southwest corner of North .....

Cottage street, southwest corner of Hillman
Cottage street, northwest corner of Sycamore
Cottage street, northwest corner of Parker
Cottage street, west side, north of Locust, 237 feet
Cottage street, southwest corner of Durfee
County street, southwest corner of Tallman
County street, southwest corner of Sawyer
County street, southeast corner of Penniman
County street, west side, south of Clark, 234.5 feet
County street, west side, south of Weld, 115 feet
County street, southwest corner of Austin
County street, west side, head of School
County street, southwest corner of Madison
County street, southwest corner of Hawthorn
County street, northwest corner of Allen
County street, southwest corner of Grinnell
County street, northwest corner of South
County street, northwest corner of Winsor
County street, west side, north of Division, 71 feet
County street, northwest corner of Cove road
Court street, southwest corner of Orchard
Court street, southeast corner of Cedar
Court street, northeast corner of Ash
Court street, southwest corner of Emerson
Court street, south side, west from Park, 304 feet. Flush
Court street, south side, head of Jenney
Court street, south side, east of Reed, 300 feet
Cove road, southwest corner of West French avenue
Cove road, southwest corner of Shore street
Cove road, north side, west of County, 365 feet
Cove street, southwest corner of Cleveland avenue
Cove street, southwest corner of Harrison avenue
Cove street, southwest corner of Salisbury
Cove street, southwest corner of Viall
Cove street, southwest corner of McGurk
Cove street, southwest corner of West French avenue
Cove street, southeast corner of Stapleton
Cove street, southeast corner of County
Crapo street, west side, south of Washington, 343 feet. Flush
Crapo street, west side, south of Rockland, 225 feet
Crapo street, west side, south of Thompson, 160 feet
Dartmouth street, east side, southwest of Orchard, 110 feet
Dartmouth street, east side, south of Hickory, 125 feet

Dartmouth street, east side, south of Rockland, 260 feet.....
Dartmouth street, east side, south of Thompson, 99 feet .....
Dartmouth street, southeast corner of Larch .....
Dartmouth street, northeast corner of Dunbar .....
David street, south side, west of Brock avenue, 289 feet .....
Davis street, southwest corner of Riverside avenue.....
Davis street, south side, east of Front, 321.8 feet .....
Davis street, southwest corner of Front.....
Davis street, south side, west of Bowditch street, 377 feet ....
Davis street, south side, east of Church, 362 feet .....
Dean street, southwest corner of Belleville avenue .....
Dean street, southeast corner of Front.....
Delano street, southwest corner of Water.....
Delano street, southeast corner of Acushnet avenue.....
Diman street, southwest corner of Whitman.....
Diman street, west side, south of Whitman 149 feet. .... ...
Division street, southeast corner of Second.....
Division street, south side, west of County, 527 feet... .....
Division street, south side, east of Crapo, 6 feet.....
Dudley street, south side, east of West French av., 122 feet....
Dudley street, south side, west of Brock avenue, 607 feet.....
Dunbar street, southwest corner of Hemlock.....
Durfee street, southwest corner of Cedar.....
Durfee street, southwest corner of Bullock..... .. ...
Durfee street, southwest corner of Shawmut avenue .....
Durfee street, south side, west of Shawmut avenue, 186.6 feet
Earle street, southwest corner of Riverside avenue.....
Earle street, south side, west of Belleville avenue, 135 feet....
Earl street, south side, east of Acushnet avenue, 274.2 feet ..
East French avenue, west side, south of Cove, 807.2 feet.....
East French avenue, northwest corner of Abbott .....
Edward street, south side, east of Field, 90 feet.....
Edward street, south side, west of Dartmouth street, 157 feet.
Elm street, southwest corner of Purchase..... ...
Elm street, southwest corner of Pleasant..... ..... ...
Elm street, southwest corner of Eighth..... .....
Elm street, southwest corner of Summer. Flush.....
Elm street, southwest corner of Florence .....
Elm street, southeast corner of Palmer.....
Emerson street, west side, north of Arnold, 173.8 feet.....
Field street, northwest corner of Stowell.....
Fifth street, southwest corner of Union.....
Fifth street, southwest corner of School.....

Fifth street, west side, south of Madison, 245 feet. Flush ...
Fifth street, northwest corner of Wing.. ..... .....
Fifth street, northwest corner of Grinnell.....
First street, southwest corner of Spring. Flush.....
First street, west side, south of School, 109 feet. Flush.....
First street, west side, south of Howland, 185 feet. Flush ...
First street, northwest corner of Potomska.....
Florence street, southwest corner of Hillman.....
Florence street, northwest corner of Mill.....
Florence street, West side, south of Kempton, 199.6 feet.....
Florence street, southwest corner of Morgan.....
Forest street, south side, west of County, 90 feet. Flush.....
Foster street, southwest corner of High..... .....
Fourth street, southwest corner of Union. Flush.....
Fourth street, west side, north of School, 106 feet. Flush....
Fourth street, west side, south of Madison, 210 feet..... ...
Fourth street, east side, opposite Washington.....
Fourth street, northwest corner of Rockland. Flush.....
Fourth street, west side, south of Potomska, 61 feet .. .....
Franklin street, southwest corner of Purchase.....
Franklin street southwest corner of Pleasant. Flush.....
Franklin street, southwest corner of State.....
Front street, southwest corner of Whitman .....
Front street, southwest corner of Holly..... .....
Front street, west side, south of Washburn, 319 feet. Flush..
Front street, southwest corner of Logan.....
Front street, west side, south of Logan, 190.2 feet.... .....
Front street, west side, south of Logan, 383 feet.....
Front street, west side, north of Wamsutta, 235.2 feet.... ...
Front street, southeast corner of Wamsutta..... ...
Front street, east side, foot of Middle. Flush.....
Front street, southwest corner of Middle..... .. ... .....
Front street, southwest corner of Hazard's lane. Flush.....
Front street, northwest corner of Rodman.....
Front street, southwest corner of Centre. Flush.....
Front street, west side, south of Commercial, 86 feet. Flush.
Front street, northwest corner of lane head of Merrill's wharf.
Flush.....
Front street, west side, south of Howland, 268 feet..... ...
Front street, southwest corner of Grinnell.....
Front street, west side, south of South, 330 feet.... .. .....
Front street, southwest corner Rivet street ..... ..
Front street, west side, north of Delano, 191 feet.....

Front street, west side, south of Delano, 200 feet
Fruit street, south side, east of Hemlock, 126.5 feet
Fruit street, south side, west of Mulberry, 25.5 feet
Gifford street, south side, east of Water, 274 feet
Gifford street, south side, west of Harbor, 167.8 feet
Gifford street, southeast corner of Harbor.
Gifford street, south side, east of Harbor, 299.3 feet
Grand street, south side, west of Shawmut avenue, 750 feet
Granfield street, west side, north of Coggeshall, 263 feet
Grape street, south side, west of Lewis, 131 feet.
Grape street, southwest corner of Small
Grape street, southwest corner of Devoll
Griffin street, southwest corner of Second. Flush
Grinnell street, south side, west of Acushnet avenue, 76 feet. Flush
Grinnell street, south side, east of Crapo, 103 feet. Flush
Grinnell street, southwest corner of Orchard
Grove street, southwest corner of Anthony
Grove street, southwest corner of Cottage
Harbor street, east side, north of Cove, 195 feet
Harbor street, east side, north of Cove, 372 feet
Harbor street, east side, north of Cove, 540 feet
Harbor street, east side, south of Gifford, 195.8 feet
Harmony street, southwest corner of Social
Harrison street, southwest corner of Hickory
Hathaway street, south side, east of Front street, 260 feet
Hathaway street, southwest corner of Front
Hathaway street, south side, east of Church street, 331 feet
Hawthorn street, southwest corner of Cottage
Hawthorn street, southeast corner of Page. Flush
Hawthorn street, south side, east of Tremont, 147 feet
Hawthorn street, southwest corner of Brigham
Hawthorn street, south side, west of Brigham, 301 feet
Hazard street, south side, west of State, 140 feet. Flush
Hazard street, southwest corner of Pleasant. Flush
Hazard street, southwest corner of Purchase
Hemlock street, west side, south of Rockland, 231 feet
Hicks street, south side, east of Acushnet avenue, 276 feet
High street, south side, east of Acushnet ave., 43 feet. Flush
High street, southwest corner of Purchase
High street, south side, east of County, 177 feet. Flush
Highland street, west side, north of Durfee, 418.4 feet
Hillman street, southwest corner of Second. Flush

Hillman street, southwest corner of Purchase
Hillman street, southwest corner of Pleasant
Hillman street, head of State
Hillman street, head of Thomas
Hillman street, southwest corner of Chancery
Hillman street, south side, east of Florence, 609.5 feet
Hillman street, southwest corner of Lindsey
Hillman street, southeast corner of Rockdale avenue
Holly street, southwest corner of Belleville avenue
Holly street, southwest corner of Bowditch
Holly street, southeast corner of Brook
Hollyhock street, south side, east of Field, 410 feet
Homer street, southwest corner of Locust
Howard avenue, south side, east of Acushnet avenue, 364 feet.
Howland street, northeast corner of Second. Flush
Howland street, south side, west of Prospect, 19.2 feet
Hunter street, southwest corner of Hillman
Independent street, south side, west of County, 480 feet
Independent street, southeast corner of Crapo
Irving court, north end of Court. Flush
James street, west side, north of Arnold, 107 feet.
James street, southwest corner of Court
Jenney Lind street, southwest corner of Hillman
Jenney Lind street, west side, north of Kempton street, 1167 ft.
Jouvette street, south side, west of County 372 feet
Katherine street, southeast corner of Crapo
Katherine street, south side, west of County, 442 feet
Keene street, south side, west of Park, 434 feet
Kempton street, southwest corner of Purchase
Kempton street, southwest corner of Pleasant
Kempton street, south side, opposite Hill
Kempton street, southwest corner of County
Kempton street, southwest corner of Summer
Kempton street, southwest corner of Emerson. Flush
Kempton street, southwest corner of Park
Kempton street southwest corner of Liberty
Kempton street, southeast corner of Jenney. Flush
Kempton street, south side, west of Hunter, 50 feet
Kempton street, southwest corner of Rockdale avenue
Kempton street, southeast corner of Chepachet
Kempton street, south side, opposite Jenney Lind street
Kenyon street, south side, west of Front street, 378 feet
Kilburn street, north side, east of Front, 244 feet

Kilburn street north side, east of Front, 581 feet.....
Larch street, south side, east of Mullberry, 120 feet.....
Larch street, south side, east of Hemlock, 129 feet.....
Leonard street, south side, east of Water, 216 feet Flush.....
Liberty street, west side, south of Kempton, 339 feet. Flush.
Liberty street, west side, north of Court, 164 feet.....
Lincoln street, west side, south of Union, 171 feet. Flush ..
Linden street, southwest corner of Purchase.....
Linden street, south side, west of State, 13.5 feet.....
Linden street, south side, west of County, 169 feet.....
Linden street, south side. west of Reynolds, 67.5 feet.....
Linden street, south side, east of Ashland, 6.5 feet.....
Lindsey street, west side, south of Kempton, 173 feet. .....
Lindsey street, northwest corner of Morgan.....
Locust street, southwest corner of County.....
Locust street, southwest corner of Chestnut.....
Locust street, southwest corner of Richmond .....
Logan street, south side, east of Acushnet av., 400 feet. Flush.
Logan street, south side, opposite Bowditch.....
Logan street, southeast corner of Purchase.....
Lombard street, west side, north of Thompson. 107 feet. ..
Lucas street, south side, west of Brock avenue. 275 feet.....
Madison street, southwest corner of First. Flush.....
Madison street, southwest corner of Water.....
Madison street, southwest corner of Sixth .....
Maitland street, southwest corner of Cedar.....
Maple street, southwest corner of Cottage.....
Maxfield street, southwest corner of Second.....
Maxfield street, southwest corner of Purchase.....
Maxfield street, southwest corner of Pleasant .....
Maxfield street, southwest corner of Foster.....
Maxfield street, southwest corner of County.....
Maxfield street, southwest corner of Chestnut.....
Maxfield street, southeast corner of Spruce. Flush .....
Maxfield street, southeast corner of Ash .....
Maxfield street, south side, east of Chancery, 44.4 feet.....
Maxfield street, south side, west of Beech street. 23 feet....
McGurk street, west side, north of Brock avenue, 348 feet....
Mechanics lane, northwest corner of Purchase.....
Mechanics lane, north side, east of Eighth, 206 feet. Flush..
Merrimac street, southwest corner of Purchase.....
Merrimac street, southwest corner of State .....
Merrimac street, southwest corner of Summer .....

Middle street, southwest corner of Water
Middle street, southwest corner of Second
Middle street, southwest corner of Acushnet avenue
Middle street, southwest corner of Purchase
Middle street, southwest corner of Pleasant
Middle street, southwest corner of Sixth
Middle street, southwest corner of County
Middle street. south side, east of Cedar, 371 feet. Flush
Middle street, southeast corner of Chancery. Flush
Middle street, southwest corner of Purchase
Mill street, south side, west of Hill, 191 feet
Mill street, south side, west of Ash, 45 feet. Flush
Mill street, south side, east of Park, 104 feet
Mill street, southeast corner of Newton
Mill street, southeast corner of Summit
Milton street, south side, west of Rockdale avenue, 85 feet
Mitchell street, northwest corner of Coggeshall
Mitchell street, west side, north of Coggeshall, 178.8 feet
Mitchell street, west side, south of Sawyer, 345 feet
Mitchell street, southwest corner of Sawyer
Moorland Terrace, southwest corner of Ash
Morgan street, southwest corner of County
Morgan street, southwest corner of Cottage. Flush
Morton's court, west side, north of Cove, 385.3 feet
Mosher street, south side, west of County, 517 feet
Mosher street, southeast corner of Crapo
Mt. Pleasant street, west side, south of Tarkiln hill rd., 35 feet
Mt. Pleasant street, west side, north of Nash road, 1,671 feet
Mt. Pleasant street, west side, north of Nash road, 348 feet
Mt. Pleasant street, west side, north of railroad fence, 285 feet
Mt. Pleasant street, west side, south of Hathaway road, 40 feet
Mt. Pleasant street, west side, north of Peckham-West cemetery, 277 feet
Mt. Pleasant street, west side, south of Peckham-West cemetery, 74 feet
Mt. Pleasant street, west side, north of reservoir, 837 feet
Mt. Pleasant street, west side, north of reservoir, 450 feet
Mt. Pleasant street, west side, north of reservoir, 40 feet
Mt. Pleasant street, west side, south of Peckham, 217 feet
Mt. Vernon street, southwest corner of Mt. Pleasant
Mt. Vernon street, southeast corner of Vine. Flush
Mt. Vernon street, south side, east of Shawmut ave., 241 feet
Myrtle street, west side, south of Weld, 22 feet

Myrtle street, southwest corner of Clark
Myrtle street, west side, north of Clark street, 274 feet
Nelson street, south side, west of County, 541.6 feet
Newton street, northwest corner of Elm
North street, southeast corner of Second
North street, southwest corner of Acushnet avenue
North street, southwest corner of Purchase
North street, northwest corner of Pleasant
North street, southwest corner of Foster
North street, southwest corner of Hill
North street, southwest corner of County
North street, southwest corner of Emerson
North street, southwest corner of Park
North street, south side, west of Newton, 258 feet
North street, southwest corner of Hunter
North street, southwest corner of Beech
Nye street, southwest corner of Belleville avenue
Nye street, southwest corner of Front
Nye street, south side, west of Acushnet avenue, 311.7 feet
Oak street, southwest corner of Harrison
Oak street, northwest corner of Grape
Oak street, southwest corner of Allen
Ocean street, west side, south of Arnold, 184.5 feet
Orchard street, southwest corner of Madison
Orchard street, southwest corner of Grove
Orchard street, west side, north of Rockland, 98 feet
Palmer street, northwest corner of Union
Palmer street, west side, south of Elm street, 195 feet
Park place, south side, west of Sixth, 306 feet. Flush
Park street, southwest corner of Maxfield
Park street, southwest corner of Hillman
Park street, west side, south of Kempton, 339 feet
Park street, northwest corner of Court
Park street, west side, north of Arnold, 263 feet
Parker street, south side, at Oak Grove Cemetery
Parker street, southwest corner of Summer. Flush
Parker street, southwest corner of County
Pearl street, southwest corner of Pleasant
Pearl street, southwest corner of Purchase
Perry street, south side, east of Acushnet av., 270 feet
Phillips avenue, south side, east of Oneko lane
Phillips avenue, south side, east of Acushnet av., 173 feet
Phillips avenue, southwest corner of Riverside avenue

Pierce street, west side, north of Court, 253.7 feet.....
Pine street, northwest corner of Cross. Flush.....
Plainville road, south side, east of Shawmut avenue, 705 feet.
Plainville road south side, east of Shawmut avenue, 1,139 feet.
Plainville road, south side, east of Shawmut avenue, 2,317 feet.
Plainville road, south side, east of Shawmut avenue, 3,113 feet.
Plainville road, south side, east of Shawmut avenue, 3,920 feet.
Pleasant street, northwest corner of Market.....
Pleasant street, west side, north of William, 21½ feet.....
Pleasant street, east side, foot of Sycamore.....
Pleasant street, northwest corner of Pope. Flush.....
Pleasant street, northwest corner of Austin. Flush.....
Pleasant street, southwest corner of Linden. Flush.....
Pleasant street, southwest corner of Weld.....
Plummer avenue, southwest corner of Riverside avenue.....
Plummer avenue, south side, east of Belleville avenue, 177 feet.
Pope street, south west corner of Purchase.....
Pope street, south side, opposite North Oak.....
Pope street, southwest corner of Summer.....
Poplar road, south side, west of Bolton road 431 feet.....
Potomska street, a group of three post hydrants located about 300 feet east of Prospect and 91 feet north of south line of Potomska street.....
Potter street, south side, east of Shawmut avenue 403 feet....
Prospect street, west side, north of Grinnell, 275.2 feet.....
Prospect street, northwest corner of Grinnell.....
Prospect street, west side, north of Potomska, 324.5 feet.....
Prospect street, northwest corner of Potomska.....
Purchase street, northwest corner of Dean.....
Purchase street, west side, opposite Oneko mill.....
Purchase street, east side opposite Clark.....
Purchase street, west side, south of Campbell, 348 feet.....
Purchase street, northwest corner of Union. Flush.....
Purchase avenue, northeast corner of Purchase.....
Reed street, west side, north of Court, 145 feet.....
Reed street, southwest corner of Elm.....
Reed street, southwest corner of Middle.....
Reynolds street, southwest corner of Weld.....
Reynolds street, west side, south of Clark, 17.9 feet.....
Reynolds street, southwest corner of Cedar Grove street.....
Richmond street, southwest corner of Maitland.....
Riverside avenue, west side, opposite Manomet street.....
Rivet street, southwest corner of Second. Flush.....

Rivet street, southwest corner of County
Rivet street, southwest corner of Bonney
Rivet street, southeast corner of Bolton road
Rivet street, southwest corner of Hemlock
Robeson street, southwest corner of County
Robeson street, southwest corner of Ashland
Robeson street, southeast corner of Cottage
Robeson street, southeast corner of Cedar
Robeson street, south side, west of Cedar, 424 feet
Rockdale avenue, southwest corner of Bolton road
Rockdale avenue, south side, west of Bolton road, 327 feet
Rockdale avenue, west side, north of Milton, 126 feet
Rockdale avenue, southwest corner of Grant street
Rockdale avenue, west side, north of Lexington st., 128 feet
Rockland street, southwest corner of County
Rockland street, southeast corner of Hall
Rockland street, south side, west of Orchard, 13 feet
Rockland street, south side, east of Hemlock, 179.3 feet
Rockland street, southwest corner of Lombard
Rotch street, west side, south of Union, 213.7 feet
Rounds street, northwest corner of Elm
Rural street, southwest corner of Allen
Russell street, south side, east of Fifth, 92 feet. Flush
Russell street, southwest corner of Sixth
Russell street, south side, west of Sixth, 179 feet
Salisbury street, northwest corner of Ruth
Sand street, northwest corner of Grit
Sawyer street, south side, west of County, 644 feet
Sawyer street, southwest corner of Purchase
Sawyer street, south side, opposite Brook
Sawyer street, southwest corner of Bowditch
Sawyer street, southwest corner of Acushnet avenue
Sawyer street, southeast corner of Belleville avenue
Sawyer street, south side, east of Mitchell, 418.8 feet
Sawyer street, north side, east of Belleville avenue, 750 feet
Sawyer street, south side, east of Mitchell street, 690 feet
School street, southwest corner of Sixth
Scott street, south side, west of County, 494 feet
Sears court, southwest corner of Purchase street. Flush
Second street, northwest corner of Mill. Flush
Second street, west side, south of Elm, 52 feet
Second street, west side, south of Spring, 74 feet. Flush
Second street, northwest corner of Coffin. Flush

Second street, west side, at head of Morgan's lane .....
Second street, west side, north of Grinnell, 61 feet. Flush...
Second street, west side, north of Potomska, 232 feet.....
Second street, west side, south of Potomska, 122 feet .....
Second street, west side, south of Blackmer, 188 feet .....
Seventh street, southwest corner of Union.....
Seventh street, west side, north of Madison, 50 feet. Flush..
Shawmut avenue, southwest corner of Willis.....
Shawmut avenue, southwest corner of Parker.....
Shawmut avenue, west side, head of Locust.....
Shawmut avenue, southwest corner of Robeson .....
Shawmut avenue, west side, north of Austin, 195 feet .....
Shawmut avenue, west side, north of Durfee, 497 feet .....
Shawmut avenue, southwest corner of Grand .....
Shawmut avenue, west side, north of Grand, 363 feet.....
Shawmut avenue, west side, opposite Topham street .....
Shawmut avenue, northwest corner of Plainville road.....
Sherman street, south side, west of County, 314 feet. Flush .
Shore street, west side, south of Cove road, 264 feet.....
Sisson street, northwest corner of Union.....
Sisson street, west side, north of Arnold, 142 feet.....
Sixth street, west side, north of Grinnell, 194 feet.....
Smith street, southwest corner of County.....
Smith street, southwest corner of Chestnut .....
Smith street, southeast corner of Spruce .....
Smith street, southeast corner of Shawmut avenue .....
Smith street, south side, east of Park, 5 feet .....
South street, south side, east of Crapo, 357 feet .....
South street, southwest corner of Acushnet avenue.....
South street, southwest corner of Second .....
South street, southwest corner of First .....
South street, southwest corner of Water .....
South street, southwest corner of Prospect.....
Spring street, southwest corner of Water .....
Spring street, southeast corner of Acushnet avenue .....
Spring street, southeast corner of Fifth. Flush.....
Spring street, southwest corner of Seventh.....
State street, southwest corner of Sycamore .....
State street, southwest corner of Pearl. Flush .....
Stone street, west side, south of Allen, 208.6 feet.....
Stowell street, south side, east of Field, 153 feet .....
Summer street, northwest corner of North. Flush .....
Summer street, northwest corner of Hillman. Flush .....

Summer street, southwest corner of Willis. Flush .....
Summer street, southwest corner of Locust .....
Sycamore street, southwest corner of Thomas. Flush.....
Sycamore street, southwest corner of Summer. Flush.....
Sycamore street, southwest corner of Chancery .....
Taber street, southwest corner of Page .....
Taber street, south side, west of Page, 428.7 feet .....
Tallman street, southwest corner of Belleville avenue.....
Thompson street, southeast corner of Bourne .....
Thompson street, southwest corner of Hemlock.....
Thompson street, south side, east of Hemlock, 99.6 feet .....
Thompson street, south side, west of Bonney, 302 feet.....
Thompson street, south side, east of Hall, 20 feet .....
Thompson street, southwest corner of County.....
Tinkham street, south side, east of Acushnet ave., 239.2 feet..
Topham street, south side, east of Shawmut avenue, 647 feet..
Tremont street, southwest corner of Union .....
Tremont street, northwest corner of Maple .....
Trinity street, south side, west of Cedar, 264 feet .....
Union street, southwest corner of Front .....
Union street, southwest corner of Water.....
Union street, southwest corner of First .....
Union street, southwest corner of Second.....
Union street, southwest corner of Acushnet avenue .....
Union street, southwest corner of Sixth.....
Union street, southwest corner of County.....
Union street, southeast corner of Emerson.....
Union street, southwest corner of Ocean.....
Union street, south side, west of James, 61 feet .....
Valentine street, south side, west of Brock avenue, 621 feet...
Valentine street, south side, east of West French ave., 142 feet
Viall street, northwest corner of Ruth street.....
Vine street, west side, north of Durfee, 215 feet.....
Walden street, southwest corner of Maxfield. Flush .....
Wall street, south side, east of Acushnet ave., 165 feet Flush
Wall street, southeast corner of Acushnet avenue .....
Walnut street, northwest corner of Front.....
Walnut street, southwest corner of Water.....
Walnut street, southwest corner of Second. Flush .....
Walnut street, southwest corner of Fourth.....
Walnut street, southwest corner of Seventh.....
Wamsutta street, south side, west of Front, 200 feet.....
Wamsutta street, south side, west of Front, 372 feet.....

Wamsutta street, south side, east of Acushnet avenue, 286 feet
Ward street, southwest corner of Bay
Warren street, southwest corner of Brock avenue
Washburn street, southeast corner of Acushnet avenue
Washburn street, south side, west of North Front, 228 feet
Washington street, southwest corner of County
Washington street, southwest corner of Crapo
Washington street, south side, west of Orchard, 102 feet
Washington street, southeast corner of Dartmouth. Flush
Water street, southwest corner of Hillman. Flush
Water street, southwest corner of North
Water street, northwest corner of High
Water street, southwest corner of Elm. Flush
Water street, west side, north of Center, 46 feet. Flush
Water street, southwest corner of School
Water street, west side, head of Pine
Water street, west side, head of Leonard
Water street, southwest corner of Howland
Water street, northwest corner of Grinnell
Water street, northwest corner of Potomska
Water street, west side, south of Potomska, 266 feet
Water street, northwest corner of Rivet
Water street, southwest corner of Blackmer
Water street, northwest corner of Delano
Water street, west side, head of Gifford
Weld street, southeast corner of Mt. Pleasant
Weld street, southwest corner of State
Willard street, south side, west of Brock avenue, 560 feet
Willard street, south side, east of West French ave., 101 feet
William street, southwest corner of Bethel
William street, southwest corner of Second
William street, southwest corner of Purchase
William street, southwest corner of Sixth
William street, southwest corner of Eighth
Willis street, southwest corner of Acushnet avenue
Willis street, southwest corner of Purchase
Willis street, southeast corner of Pleasant
Willis street, southwest corner of State
Willis street, southwest corner of County
Willis street, southwest corner of Cottage
Willis street, south side, west of Cedar, 200 feet
Willow street, southwest corner of Cottage
Willow street, south side, west of Cedar, 224 feet

Willow street, southeast corner of Shawmut avenue.....
Wing street, southwest corner of Fourth .....
Wing street, southwest corner of Sixth .....
Winsor street, south side, west of County, 455.5 feet.....
Winsor street, southeast corner of Crapo .....
Wood street, south side, west of Acushnet avenue, 366 feet ...
Woodlawn street, south side, west of Brock avenue, 636 feet .
Woodlawn street, south side, east of West French ave., 134 feet

| | |
|---|---|
| Number of flush hydrants..... | 104 |
| Number of post hydrants ..... | 665 |
| Total number of hydrants..... | 769 |

# Location of Reservoirs.

Durfee street, southeast corner of Shawmut avenue.
Linden street, northeast corner of Ashland.
Franklin street, southwest corner of State.
Willis street, northeast corner of State.
Campbell street, west side of Purchase.
Smith street, southeast corner of Cottage.
Pleasant street, between Maxfield and Sycamore.
County street, southeast corner of Maxfield.
Pleasant street, southwest corner of North.
Chestnut street, between Mill and North.
Middle street, near southeast corner of Purchase.
Middle street, west of Grammar School.
County street, front of M. E. Church.
North Second street, northwest corner of William.
City Hall Square, west of hall.
Court street, near head of Orchard.
School street, northwest corner of Fourth.
South Second street, northwest corner of Walnut.
South Sixth street, northwest corner of Walnut.
Orchard street, east side, below Hawthorn.
Russell street, between County and Sixth.
Acushnet avenue, southeast corner of Cannon.
Bedford street, southeast corner of Fifth.
South Sixth street, southwest corner of Wing.
Acushnet avenue, southeast corner of Grinnell.
Washington street, northeast corner of Crapo.

City of New Bedford,
In Board of Aldermen,
February 26, 1903.

Received, ordered printed in the City Documents, and sent down for concurrence.

WILLIAM S. COOK, Ass't City Clerk.

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In Common Council,
February 26, 1903.

Concurred.

W. H. B. REMINGTON, Clerk.

1903. CITY DOCUMENT No. 6.

# ANNUAL REPORT

OF THE

# SCHOOL COMMITTEE

OF THE

CITY OF NEW BEDFORD.

TOGETHER WITH THE

SUPERINTENDENT'S ANNUAL REPORT

FOR THE YEAR 1902.

NEW BEDFORD, MASS.
THE A. E. COFFIN PRESS, CITY PRINTERS.
1903.

In School Committee.

January 2, 1903.

*Voted*, That the Secretary prepare the Annual Report of the School Board for the year 1902, and that 2,500 copies of the same be printed.

# Report of the Secretary.

By direction of the School Committee, I submit to our fellow citizens the following report for the year 1902.

## STATISTICS.

### I. POPULATION AND VALUATION.

| | |
|---|---|
| The population of the city (census of 1890) was | 40,705 |
| The population of the city (census of 1895) was | 55,251 |
| The population of the city (census of 1900) was | 62,442 |
| Valuation of the taxable property (1902) was | $61,964,450 |
| School houses and lots, | 1,077,109 |
| Other school property, | 79,500 |

### II. APPROPRIATION.

| | |
|---|---|
| Rate of taxation, | $17.40 |
| Amount for school purposes, not including new buildings, | 227,976.22 |
| Ratio of ordinary expenses of day schools to whole tax, (exclusive of payments on city debt and interest on the same, also appropriation to library) | .201 |

### III. SCHOOL CENSUS.

| | |
|---|---|
| School census, September 1901, (children between five and fifteen years of age), | 11,302 |
| School census, September, 1902, (children between five and fifteen years of age), | 11,840 |
| Increase as shown by the returns, | 538 |

SCHOOL CENSUS BY WARDS.

| | 1901. | 1902. | | |
|---|---|---|---|---|
| Ward One, | 3,071 | 3,335 | increase | 264 |
| Ward Two, | 1,544 | 1,451 | decrease | 93 |
| Ward Three, | 841 | 879 | increase | 38 |
| Ward Four, | 832 | 820 | decrease | 12 |
| Ward Five, | 1,440 | 1,536 | increase | 96 |
| Ward Six, | 3,574 | 3,819 | increase | 245 |

Location of children between five and fifteen years of age, as to school attendance, as reported by the census enumerators.

| | Attending Public Schools. | Attending Private Schools. | Attending No School. |
|---|---|---|---|
| Ward One, | 1,657 | 1,483 | 195 |
| Ward Two, | 844 | 589 | 18 |
| Ward Three, | 671 | 163 | 45 |
| Ward Four, | 756 | 56 | 8 |
| Ward Five, | 1,265 | 127 | 144 |
| Ward Six, | 2,653 | 688 | 478 |

Children reported as attending no school are presumably those who are between five and seven years of age, and those over fourteen who have completed their school requirements.

## IV. SCHOOL ORGANIZATION.

| | |
|---|---|
| High School, | 1 |
| Normal and Training school for teachers, | 1 |
| Grammar schools, | 5 |
| Primary schools, | 15 |
| Kindergartens, | 3 |
| Mixed school—Grammar and Primary, | 1 |
| Ungraded schools, | 5 |
| Cooking school, | 1 |
| Manual Training school, | 1 |

## V. SCHOOL BUILDINGS.

| | |
|---|---|
| Occupied by the schools, | 27 |
| Buildings hired for school purposes, | 2 |

Rooms used for school purposes (day schools) including halls and recitation rooms.

| | |
|---|---|
| High school, | 17 |
| Normal and Training school, | 11 |
| Grammar schools, | 63 |
| Primary schools, | 121 |
| Ungraded schools, | 9 |
| Manual Training school, | 1 |
| Cooking school, | 1 |
| Kindergartens, | 3 |
| Rooms unoccupied, | 10 |
| Total, | 236 |
| Rooms used for both day and evening schools, | 45 |

## VI. SEATS.

| | Seats Occupied. | Seats Unoccupied. |
|---|---|---|
| High school. | 477 | |
| Normal and Training school, | 432 | 9 |
| Grammar schools, | 2,213 | 528 |
| Primary schools, | 4,770 | 895 |
| Ungraded schools, | 242 | 121 |
| Kindergartens, | 35 | 15 |

## VII. TEACHERS.

Whole number in service, 1902 :

| | |
|---|---|
| High school, | 18 |
| Normal and training school: Regular teachers, | 8 |
| " " " Pupil teachers, seniors, | 13 |
| Grammar schools, | 64 |
| Primary schools, | 121 |
| Kindergartens, | 6 |
| Country schools (ungraded), | 10 |
| Special teachers, | 9 |
| Regular substitutes, | 2 |
| Evening High school, | 7 |
| Evening Drawing school, | 4 |
| Evening Elementary schools, | 77 |
| Total, | 339 |

# DEPARTMENT OF PUBLIC SCHOOLS.

## REPORT FOR YEAR BEGINNING SEPTEMBER 9, 1901, ENDING JUNE 27, 1902.

| | Name of School. | Total enrollment for year. | | Average No. belonging. | Average daily attendance. | Per cent. of attendance. | Total half days absence. | No. cases of tardiness. | No. cases of dismissal. | No. cases of truancy. | No cases of corporal punishment. | Half days teacher was absent. | Times teacher was tardy. | No. visits by superintend't. | No. visits by members committee. | No. visits by parents and others. | No. cases suspension. | Total number sessions. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Boys. | Girls. | | | | | | | | | | | | | | | |
| 1 | High. | 189 | 288 | 422 | 410 | 97.1 | 2295 | 1409 | 373 | 3 | | 33 | 18 | 38 | 20 | 30 | 3 | 198 |
| | | 477 | | | | | | | | | | | | | | | | |
| 2 | Harrington Training. | 227 | 218 | 414 | 383 | 93.0 | 11,706 | 1275 | 341 | 11 | 48 | 74 | 1 | 18 | 16 | 401 | | 375 |
| | | 445 | | | | | | | | | | | | | | | | |
| 3 | John H. Clifford Grammar, | 158 | 180 | 299 | 283 | 94.6 | 6217 | 213 | 104 | 7 | 4 | 10 | 6 | 32 | 14 | 139 | | 377 |
| 4 | Fifth Street Grammar, | 248 | 225 | 425 | 398 | 93.6 | 10.054 | 1159 | 1209 | 30 | 26 | 25 | 4 | 38 | 12 | 322 | 1 | 378 |
| 5 | Robert C. Ingraham Grammar, | 302 | 301 | 527 | 495 | 93.9 | 12 057 | 439 | 292 | 32 | 31 | 95 | 3 | 53 | 20 | 623 | | 378 |
| 6 | Middle Street Grammar, | 218 | 242 | 420 | 398 | 94.7 | 8505 | 564 | 599 | 24 | 51 | 63 | 15 | 24 | 2 | 380 | 2 | 378 |
| 7 | Parker Street Grammar, | 292 | 333 | 553 | 536 | 97.4 | 6253 | 159 | 234 | 4 | | 204 | 4 | 20 | 6 | 440 | 2 | 367 |
| 8 | William H. Taylor Grammar, | 47 | 40 | 67 | 63 | 94.0 | 1370 | 40 | 149 | | 7 | 68 | 2 | 8 | 7 | 35 | | 378 |
| | | 1265 | 1321 | 2291 | 2173 | 94.8 | 44,456 | 2574 | 2587 | 97 | 119 | 465 | 34 | 175 | 61 | 1939 | 5 | |
| | | 2586 | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9 | Acushnet Avenue Primary, | 273 | 258 | 450 | 407 | 90.4 | 16,411 | 986 | 3168 | 10 | 39 | 4 | 3 | 7 | 8 | 24 | | 378 |
| 10 | I. W. Benjamin Primary, | 323 | 326 | 518 | 480 | 92.6 | 14,375 | 625 | 10,366 | 10 | 9 | 36 | 1 | 25 | 2 | 118 | | 378 |
| 11 | Cannonville Primary, | 42 | 32 | 66 | 61 | 92.4 | 1941 | 175 | 40 | | 3 | | 1 | 2 | 2 | 34 | | 378 |
| 12 | Cedar Street Primary, | 137 | 89 | 204 | 187 | 91.6 | 6470 | 456 | 122 | 3 | 19 | 31 | 2 | 19 | 16 | 116 | | 376 |
| 13 | Cedar Grove Street Primary, | 434 | 330 | 592 | 536 | 90.5 | 21,365 | 794 | 9382 | 37 | 47 | 187 | 8 | 29 | 31 | 28 | 2 | 378 |
| 14 | Clark Street Primary, | 148 | 136 | 245 | 224 | 91.0 | 7634 | 320 | 90 | | 7 | | | 23 | 2 | 46 | | 378 |
| 15 | John H. Clifford Primary, | 14 | 17 | 36 | 32 | 88.8 | 1486 | 21 | 2 | 1 | | | 1 | 2 | 3 | 9 | | 378 |
| 16 | Dartmouth Street Primary, | 176 | 134 | 284 | 267 | 93.0 | 6451 | 230 | 132 | 3 | 85 | 25 | 1 | 12 | | 108 | | 378 |
| 17 | George H. Dunbar Primary, | 152 | 172 | 280 | 251 | 89.6 | 10,921 | 234 | 2123 | 15 | 38 | 104 | | 17 | 23 | 32 | | 377 |
| 18 | Thomas A. Greene Primary, | 167 | 187 | 317 | 286 | 90.2 | 11,678 | 721 | 230 | 27 | 51 | 9 | 2 | 23 | | 136 | | 378 |
| 19 | Sylvia Ann Howland Primary, | 114 | 124 | 211 | 189 | 89.5 | 7841 | 263 | 220 | 7 | 12 | 16 | | 15 | 1 | 137 | | 350 |
| 20 | Horatio A. Kempton Primary, | 142 | 117 | 224 | 211 | 94.1 | 4786 | 174 | 236 | 3 | 1 | 27 | 1 | 23 | 11 | 153 | | 378 |
| 21 | Merrimac Street Primary, | 139 | 137 | 215 | 192 | 89.3 | 8605 | 662 | 4437 | 9 | 8 | 21 | | 15 | 1 | 62 | | 378 |
| 22 | Phillips Avenue Primary, | 161 | 167 | 255 | 230 | 90.1 | 9685 | 345 | 3849 | 8 | 7 | 10 | | 23 | 2 | 98 | | 378 |
| 23 | William H. Taylor Primary, | 123 | 121 | 203 | 188 | 92.6 | 5722 | 317 | 2074 | 10 | 10 | 23 | 28 | 15 | 13 | 181 | | 378 |
| 24 | Thompson Street Primary, | 204 | 174 | 332 | 305 | 91.8 | 10,275 | 464 | 3210 | 14 | 31 | 21 | 3 | 37 | 13 | 84 | | 378 |
| 25 | Mary B. White Primary, | 107 | 97 | 186 | 168 | 90.3 | 6699 | 341 | 429 | 13 | 38 | 325 | 6 | 9 | 5 | 178 | | 378 |
| | | 5474 | | | | | | | | | | | | | | | | |
| | | 2856 | 2618 | 4618 | 4214 | 91.0 | 152,345 | 7128 | 40,110 | 170 | 405 | 839 | 57 | 296 | 133 | 1544 | 2 | |
| 26 | Acushnet School, | 61 | 59 | 102 | 95 | 93.1 | 2710 | 116 | 59 | | 15 | 2 | 2 | 11 | 16 | 161 | | 378 |
| 27 | North, | 26 | 11 | 35 | 32 | 91.4 | 1223 | 61 | 33 | | 5 | 4 | | 4 | 4 | 31 | | 394 |
| 28 | Plainville, | 16 | 6 | 13 | 12 | 92.3 | 458 | 29 | 13 | | 3 | | 4 | 2 | 1 | 8 | | 394 |
| 29 | Rockdale, | 19 | 21 | 37 | 36 | 97.2 | 2015 | 179 | 36 | | 9 | 4 | 2 | 7 | 2 | 17 | | 379 |
| | | 219 | | | | | | | | | | | | | | | | |
| | | 122 | 97 | 187 | 175 | 93.5 | 6406 | 385 | 141 | | 32 | 10 | 8 | 24 | 23 | 217 | | |
| | | 85 | | | | | | | | | | | | | | | | |
| 30 | South Mill, | 71 | 14 | 61 | 56 | 91.8 | 1901 | 130 | 665 | 11 | 33 | 12 | | 2 | 4 | 43 | | 378 |
| 31 | Cedar Street Kindergarten, | 23 | 30 | 36 | 30 | 83.3 | 1063 | 98 | | | | 4 | 1 | 7 | 2 | 44 | | 186 |
| 32 | Cedar Grove Street Kindergarten | 29 | 28 | 34 | 27 | 79.4 | 1234 | 69 | 6 | | | 3 | | 4 | 2 | 15 | | 187 |
| 33 | Thomas A. Greene Kindergarten | 28 | 23 | 41 | 33 | 80.4 | 1492 | 150 | 8 | | | 5 | | 4 | | 65 | | 187 |
| | | 161 | | | | | | | | | | | | | | | | |
| | | 80 | 81 | 111 | 90 | 81.0 | 3789 | 317 | 14 | | | 12 | 1 | 15 | 4 | 124 | | |
| | | 9447 | | | | | | | | | | | | | | | | |
| | | 4810 | 4637 | 8104 | 7501 | 92.5 | 222,898 | 13,218 | 44,211 | 292 | 637 | 1445 | 119 | 568 | 260 | 4298 | 10 | |

# DEPARTMENT OF PUBLIC SCHOOLS.

## EVENING ELEMENTARY SCHOOLS. REPORT FOR TERM BEGINNING OCTOBER 7, 1901, ENDING DECEMBER 11, 1901.

| NAME OF SCHOOL. | Total enrollment for term. | | Average No. belonging. | Average nightly attendance. | Per cent. of attendance. | Total nights absence. | No. cases of tardiness. | No. cases of dismissal. | No. cases of truancy. | Half days teacher was absent. | Times teacher was tardy. | No. visits by superintend't. | No. visits by members committee. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Boys. | Girls. | | | | | | | | | | | | |
| John Henry Clifford, | 406 | 262 | 474 | 366 | 77.2 | 2,172 | 75 | 5 | | 4 | 2 | 8 | 51 | 20 nights. |
| Fifth Street, | 288 | 139 | 299 | 240 | 80.2 | 1,183 | 95 | | | 1 | | | | 20 nights. |
| Robert C. Ingraham, | 454 | 228 | 411 | 316 | 76.8 | 1,915 | 194 | | | | | | 18 | 20 nights. |
| Parker Street, | 200 | 124 | 197 | 163 | 82.7 | 682 | 12 | | | | | | | 20 nights. |
| Phillips Avenue, | 98 | 38 | 86 | 62 | 72.0 | 483 | 28 | | 3 | | | 1 | 2 | 20 nights. |
| | | 2,237 | | | | | | | | | | | | |
| Grand totals, | 1,446 | 791 | 1,467 | 1,147 | 78.1 | 6,435 | 404 | 5 | 3 | 5 | 2 | 9 | 71 | |

## EVENING ELEMENTARY SCHOOLS—*Continued.*

### REPORT FOR TERM BEGINNING DECEMBER 30, 1901, ENDING FEBRUARY 18, 1902.

| NAME OF SCHOOL. | Total enrollment for term | | Average No. belonging. | Average nightly attendance. | Per cent. of attendance. | Total nights absence. | No. cases of tardiness. | No. cases of dismissal. | Nights teacher was absent | No. visits by superintend't. | No. visits by members committee. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Boys. | Girls. | | | | | | | | | | |
| John Henry Clifford, | 223 | 157 | 324 | 228 | 70.4 | 1,527 | 96 | 5 | 7 | | 4 | 16 nights. |
| Fifth Street, | 171 | 99 | 242 | 185 | 76.4 | 923 | | | | | 7 | 16 nights. |
| Robert C. Ingraham, | 268 | 173 | 317 | 233 | 73.5 | 1,339 | 106 | | 17 | 10 | 20 | 16 nights. |
| Parker Street, | 87 | 67 | 144 | 120 | 83.3 | 377 | | | | | | 16 nights. |
| Phillips Avenue. | 58 | 38 | 71 | 50 | 70.4 | 327 | 7 | 2 | 2 | | | 16 nights. |
| | | 1,341 | | | | | | | | | | |
| Grand totals, | 807 | 534 | 1,098 | 816 | 74.3 | 4,493 | 209 | 7 | 26 | 10 | 31 | |

# DEPARTMENT OF PUBLIC SCHOOLS.

## EVENING DRAWING SCHOOL. REPORT FOR TERM BEGINNING OCTOBER 22, 1901, ENDING DECEMBER 20, 1901.

| | Total enrollment for term. | | Av. number belonging. | Av. nightly attendance. | Per cent. of attendance. | Total nights absence. | |
|---|---|---|---|---|---|---|---|
| | Boys. | Girls. | | | | | |
| | 99 | | | | | | |
| | 92 | 7 | 73 | 59 | 80.8 | 243 | 17 nights. |

## EVENING DRAWING SCHOOL—*Continued.*

### REPORT FOR TERM BEGINNING JANUARY 3, 1902, ENDING MARCH 14, 1902.

| | Total enrollment for term. | | Av. number belonging. | Av. nightly attendance. | Per cent. of attendance. | Total nights absence. | |
|---|---|---|---|---|---|---|---|
| | Boys. | Girls. | | | | | |
| | 69 | | | | | | |
| | 66 | 3 | 61 | 47 | 77.0 | 310 | 21 nights. |

# DEPARTMENT OF PUBLIC SCHOOLS.

## EVENING HIGH SCHOOL.

| | Total enrollment for term. | | Average No. belonging. | Average nightly attendance. | Per cent. of attendance. | Total nights absence. | No. cases of tardiness. | No. cases of dismissal. | No visits by superintend't. | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Boys. | Girls. | | | | | | | | |
| Report for term beginning October 7, 1901, ending December 11, 1901. | 52 | 65 (117) | 94 | 71 | 75.5 | 670 | 37 | | | 29 nights. |
| Report for term beginning December 30, 1901, ending February 19, 1902. | 29 | 36 (65) | 62 | 49 | 79.0 | 320 | 21 | 9 | 1 | 24 nights. |

# DEPARTMENT OF PUBLIC SCHOOLS.

## COOKING SCHOOL. REPORT FOR YEAR BEGINNING SEPT. 9, 1901, ENDING JUNE 27, 1902.

| Name of Teacher. | Total enrollment for year. Girls. | Av. number belonging. | Av. attendance | Per cent. of attendance. | Total number absences. | No. cases of tardiness. | No. cases of dismissal. | Half days teacher was absent. | No. of visits by superintend't. | No. of visits by members committee. | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| S. Agnes Donham, | 359 | 294 | 275 | 93.5 | 373 | 31 | 10 | 1 | 2 | 8 | 335 sessions. |

# DEPARTMENT OF PUBLIC SCHOOLS.

## MANUAL TRAINING SCHOOL. REPORT FOR YEAR BEGINNING SEPTEMBER 9, 1901, ENDING JUNE 27, 1902.

| NAME OF TEACHER. | Total enrollment for year. Boys. | Av. number belonging. | Average attendance. | Per cent. of attendance. | Total number absences. | No. cases of tardiness. | No. cases of dismissal. | No. cases of truancy. | No. of visits by superintendent. | No. of visits by members committe. | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Edwin R. King. | 563 | 482 | 460 | 95.4 | 438 | 42 | 17 | 1 | 8 | 4 | 394 sessions. |

PRIVATE AND PAROCHIAL SCHOOLS.

| | 1902. | 1901. | | |
|---|---|---|---|---|
| Enrollment of pupils, | 3,641 | 3,747 | decrease | 106 |
| Average number belonging, | 3,077 | 3,196 | decrease | 119 |
| Average daily attendance, | 2,815 | 2,942 | decrease | 127 |
| Per cent. daily attendance, | 91.4 | 92.0 | decrease | .6 |

PUBLIC, PRIVATE AND PAROCHIAL SCHOOLS.

| | 1902. | 1901. | | |
|---|---|---|---|---|
| Enrollment of pupils, | 13,088 | 12,540 | increase | 548 |
| Average number belonging, | 11,181 | 10,804 | increase | 377 |
| Average daily attendance, | 10,316 | 9,957 | increase | 359 |
| Per cent. daily attendance, | 92.2 | 92.1 | increase | .1 |

COST OF INSTRUCTION PER SCHOLAR BY SCHOOLS.

In this connection, the cost of instruction per scholar is based upon the average number belonging to each school during the year, and the amount expended for the hire of teachers, fuel, care of schoolhouses, books and supplies, (except those furnished from the income of the Sylvia Ann Howland fund and Dog fund,) the term, "care of schoolhouses" including only the salaries of janitors.

Elsewhere in the report is given the cost, by departments, of each pupil, based on the average number belonging and the total amount expended for the maintenance of each department during the year. This last computation furnishes the basis upon which tuition of non-residents will be collected.

TABLE I. The average cost of a High school pupil, $55.63

| | |
|---|---|
| Grammar school pupil, | 25.51 |
| Training school pupil, | 27.81 |
| Primary school pupil, | 18.57 |
| Kindergarten pupil, | 31.52 |
| Ungraded school pupil, | 34.94 |
| Elementary Evening school pupil, | 3.22 |
| Evening High school pupil, | 13.41 |
| Evening Drawing school pupil, | 7.92 |
| Day school pupil, | 23.63 |

TABLE II. The average cost per pupil by departments, based on the average number belonging and the total expenditures for each department, not including the expenditures from the Howland fund or Dog fund, was as follows:

| | |
|---|---|
| High school, | $61.08 |
| Harrington Normal and Training school, | 31.26 |
| Grammar schools, | 28.95 |
| Primary schools, | 21.02 |
| Kindergartens, | 33.30 |
| Ungraded schools, | 48.23 |
| Evening Elementary schools, | 3.64 |
| Evening High school, | 15.27 |
| Evening Drawing school, | 8.42 |
| Cooking school, | 3.98 |
| Manual Training school, | 4.25 |
| Average cost of a day school pupil, | 26.87 |
| Average cost of an evening school pupil, including drawing school, | 4.52 |

# RECEIPTS AND EXPENDITURES FOR 1902.

## RECEIPTS.

General and special appropriations as follows:

| | | |
|---|---|---|
| For teachers' salaries, | $166,000.00 | |
| For incidentals (including salaries of officers, janitors, books, supplies, etc.), | 60,000.00 | |
| For repairs of buildings, | 8,000.00 | |
| Furnishing Parker Street schoolhouse, | 3,500.00 | $237,500.00 |

## EXPENDITURES.

| | | |
|---|---|---|
| For teachers' salaries: | | |
| Day schools, | $155,207.01 | |
| Evening schools, | 5,927.50 | $161,134.51 |
| For salaries: Superintendent, clerks, truant officers and janitors, | $26,567.93 | |
| For books and supplies, | 11,400.19 | |
| For lighting, | 970.08 | |
| For fuel, | 8,247.14 | |
| For janitors' supplies, | 815.17 | |
| For printing and advertising, | 1,210.60 | |
| For Cooking school, | 255.94 | |
| For Manual Training school, | 322.68 | |
| For freight and carting, | 479.13 | |
| For miscellaneous expenses (including rent, school furniture, washing towels, etc.), | 8,242.84 | $58,511.70 |
| For repairs of buildings, | | 7,210.34 |
| For furnishing Parker St. schoolhouse, | | 1,119.67 |
| | | $227,976.22 |

| | | |
|---|---|---|
| Summary: | | |
| Receipts, | $237,500.00 | |
| Expenditures, | 227,976.22 | |
| Balance, | $9,523.78 | |

Received from the following sources and credited to Unappropriated Funds:

| | | |
|---|---|---|
| Non-resident pupils, | $1,709.10 | |
| Sale of books and supplies, | 55.00 | $1,764.10 |

## DOG FUND.

| | | |
|---|---|---|
| Balance, December 1, 1901, | $2,020.46 | |
| Received, February, 1902, | 1,553.94 | $3,574.40 |
| Expenditures, | | 776.89 |
| | | $2,797.51 |

## EXPENDITURES BY DEPARTMENTS.

| | | |
|---|---|---|
| High school: | | |
| Salaries, | $19,530.09 | |
| Text books, | 762.33 | |
| Stationery, | 1,343.75 | |
| Janitor's salary, | 1,146.80 | |
| Fuel, | 647.43 | |
| Ordinary repairs, | 145.83 | |
| Proportion of ordinary expenses, | 2,153.20 | $25,729.43 |
| Books and supplies from income of Howland fund, | | 51.43 |
| Harrington Normal and Training school: | | |
| Salaries, | $9,181.01 | |
| Text books, | 336.75 | |
| Stationery, | 156.49 | |
| Janitor's salary, | 840.40 | |
| Fuel, | 976.18 | |
| Ordinary repairs, | 760.48 | |
| Proportion of ordinary expenses, | 668.20 | $12,919.51 |
| Books and supplies from income of Howland fund, | | 113.79 |
| Grammar schools: | | |
| Salaries, | $48,301.71 | |
| Text books, | 2,788.30 | |
| Stationery, | 1,256.46 | |
| Janitors' salaries, | 4,453.93 | |
| Fuel, | 1,410.04 | |
| Ordinary repairs, | 1,387.14 | |
| Proportion of ordinary expenses, | 6,506.01 | $66,103.59 |
| Books and supplies from income of Howland fund, | | 1,189.49 |

| | | |
|---|---|---|
| Primary schools: | | |
| Salaries, | $67,997.47 | |
| Text books, | 885.66 | |
| Stationery, | 1,834.96 | |
| Janitors' salaries, | 10,009.27 | |
| Fuel, | 4,818.36 | |
| Ordinary repairs, | 3,809.80 | |
| Proportion of ordinary expenses, | 7,387.26 | $96,742.78 |
| Books and supplies from income of Howland fund, | | 447.27 |

| | | |
|---|---|---|
| Ungraded schools: | | |
| Salaries, | $7,050.21 | |
| Text books, | 210.22 | |
| Stationery, | 148.21 | |
| Janitors' salaries, | 1,034.65 | |
| Fuel, | 187.47 | |
| Ordinary repairs, | 1,044.37 | |
| Proportion of ordinary expenses, | 2,251.94 | $11,927.07 |
| Books and supplies from income of Howland fund, | | 25.80 |

| | | |
|---|---|---|
| Manual Training (Sloyd school:—also included in Grammar schools.) | | |
| Salary, | $1,600.00 | |
| Supplies, | 23.74 | |
| Proportion of ordinary expenses, | 322.68 | $1,946.42 |

| | | |
|---|---|---|
| Cooking school:—(also included in Grammar and High schools.) | | |
| Salary, | $800.00 | |
| Supplies, | 15.80 | |
| Proportion of ordinary expenses, | 255.94 | $1,071.74 |
| Books from income of Howland fund, | | 29.27 |

| | | |
|---|---|---|
| Evening Elementary schools: | | |
| Salaries, | $4,254.50 | |
| Text books, | 60.72 | |
| Stationery, | 60.77 | |
| Janitors' salaries, | 364.00 | |
| Lighting, | 283.78 | |
| Proportion of ordinary expenses, | 327.50 | $5,351.27 |

| | | |
|---|---|---|
| Evening Drawing school: | | |
| Salaries, | $571.50 | |
| Stationery, | 6.96 | |
| Proportion of ordinary expenses, | 36.35 | $614.81 |

| | | |
|---|---|---|
| Evening High school: | | |
| Salaries, | $1,101.50 | |
| Books, | 30.92 | |
| Stationery, | 28.49 | |
| Janitor's salary, | 100.00 | |
| Lighting, | 139.97 | |
| Proportion of ordinary expenses, | 36.35 | $1,537.23 |

## SYLVIA ANN HOWLAND EDUCATIONAL FUND.

| | |
|---|---|
| Balance of income on hand Dec. 2, 1901, | $630.76 |
| Interest for the year, | 3,000.00 |
| | $3,630.76 |
| Expenditures for the year, | 2,099.08 |
| Balance, Dec. 1, 1902, | $1,531.68 |

Disbursements to the several schools, and otherwise, are as follows:

| | |
|---|---|
| High school, | $51.43 |
| Harrington Normal and Training school, | 113.79 |
| John H. Clifford Grammar school, | 295.35 |
| Fifth Street Grammar school, | 269.50 |
| Robert C. Ingraham Grammar school, | 365.02 |
| Middle Street Grammar school, | 96.08 |
| Parker Street Grammar school, | 163.54 |
| Acushnet Avenue Primary school, | 56.90 |
| I. W. Benjamin Primary school, | 20.53 |
| Cedar Grove Street Primary school, | 9.11 |
| Cedar Street Primary school, | 48.94 |
| Clark Street Primary school, | 36.51 |
| Cannonville Primary school, | 2.75 |

| | |
|---|---|
| Dartmouth Street Primary school, | 3.60 |
| George H. Dunbar Primary school, | 33.46 |
| Thomas A. Greene Primary school, | 3.50 |
| Sylvia Ann Howland Primary school, | 7.77 |
| Horatio A. Kempton Primary school, | 127.29 |
| Merrimac Street Primary school, | 1.50 |
| Phillips Avenue Primary school, | 39.08 |
| Thompson Street Primary school, | 46.04 |
| William H. Taylor school, | 8.80 |
| Mary B. White Primary school, | 1.19 |
| Acushnet school, | 14.06 |
| North school, | 2.31 |
| Plainville school, | 2.31 |
| Rockdale school, | 4.81 |
| South Mill school, | 2.31 |
| Cooking school, | 29.27 |
| Office, | 4.50 |
| Pedagogical library, | 19.17 |
| Care of pianos and organs, | 102.00 |
| Sewing department, | 66.47 |
| Lectures, | 40.00 |
| Miscellaneous, | 10.19 |
| | $2,099.08 |

## DETAILED STATEMENT.

Outlay of the School Committee from the income of the Sylvia Ann Howland fund, from Dec. 2, 1901, to Dec. 1, 1902.

### BOOKS AND PERIODICALS.

| | |
|---|---|
| American Book Co., | $291.24 |
| Babb, Edward E. & Co., | 53.53 |
| Boston School Supply Co., | 1.92 |
| Century Publishing Co., | 20.00 |
| Castor, T. H. & Co., | 8.40 |
| Ditson Co., Oliver, | .90 |
| Educational Publishing Co., | 46.59 |

| | | |
|---|---|---|
| Fords, Howard and Hulbert, | 25.00 | |
| Ginn & Co., | 205.87 | |
| Grumiaux's, F. W., Newspaper Agency, | 2.55 | |
| Heath, D. C. & Co., | 71.92 | |
| Houghton, Mifflin & Co., | 154.27 | |
| Hutchinson, H. S. & Co., | 24.43 | |
| Home Science Publishing Co., | 4.27 | |
| Huntley, C. S. & Co., | 12.50 | |
| Hammett, J. L. Co. | 2.70 | |
| Kent, Charles A., | .50 | |
| Longmans, Green & Co., | 110.01 | |
| Lee & Shepard, | 6.84 | |
| Mason, Perry & Co., | 91.38 | |
| Morse Co., The, | 23.25 | |
| Miller, Samuel E., | 5.00 | |
| New England Publishing Co., | 2.50 | |
| Scribner's Sons, Charles, | 2.50 | |
| Silver, Burdett & Co., | 95.93 | |
| Sanborn, Benjamin H. & Co., | 8.47 | |
| Taber, R. W., | 12.10 | |
| Werner School Book Co., | 6.00 | $1,290.57 |

PEDIGOGICAL LIBRARY.

| | | |
|---|---|---|
| American Book Co., | $2.32 | |
| Barnes, Earl, | 1.50 | |
| Comstock, Wm. T., | 3.20 | |
| Educational Review, | 3.00 | |
| Heath, D. C. & Co., | .90 | |
| Journal of Pedagogy, | 1.50 | |
| Nye, Phila C., | 3.00 | |
| Small, Willard, | .95 | |
| Teachers College Record, | 2.80 | $19.17 |

MUSIC DEPARTMENT.

| | | |
|---|---|---|
| Emerson, Charles P., | $2.00 | |
| Peirce, George, | 116.50 | $118.50 |

ART DEPARTMENT.

| | | |
|---|---|---|
| Allen, Asa L. H., | $8.00 | |
| Crowell, A. B., | 182.05 | |

| | | |
|---|---|---|
| Caproni, P. P. & Bro., | 86.37 | |
| Cobb, C. E. & Co., | 17.00 | |
| Foster Bros., | 27.00 | |
| Pierce, Wm. H. & Co., | 44.00 | |
| Sherman, R. A. & Son, | 5.91 | |
| Tillinghast, Ada W., | 32.50 | $402.83 |

SEWING DEPARTMENT.

| | | |
|---|---|---|
| Donovan, Mary E., | $1.50 | |
| Hillman, Washburn & Co., | 15.62 | |
| Haskell & Tripp, | 7.59 | |
| Johnson, C. F., | 16.50 | |
| Ruggles & Ellison, | 23.16 | |
| Wright, J. Smithson, | 2.10 | $66.47 |

APPARATUS.

| | |
|---|---|
| Colt, J. B. Co., | $125.40 |

LECTURES.

| | |
|---|---|
| Tomlins, Wm. C., | $40.00 |

MISCELLANEOUS.

| | | |
|---|---|---|
| American Book Co., | $ .33 | |
| Ginn & Co., | .19 | |
| Heath, D. C. & Co., | 6.19 | |
| Journal of Pedagogy, | .10 | |
| Longmans, Green & Co., | 1.30 | |
| Silver, Burdett & Co., | .25 | |
| Sullivan & Markey, | 27.78 | $36.14 |
| Total, | | $2,099.08 |

## TEXT BOOKS AND SUPPLIES.

STATEMENT.

| | |
|---|---|
| Cost of books and supplies purchased during 1902, | $11,400.19 |
| Cost of books and supplies in stock Dec., 17, 1901, | 3,375.99 |
| | $14,776.18 |

| | |
|---|---|
| Cost of books and supplies charged to school in 1902, | $10,022.83 |
| Cost of books and supplies in stock, Dec. 1, 1902, | 4,718.35 |
| Cash receipts from the sale of books and supplies, | 55.00 |
| | $14,776.18 |

The cost in detail of books and supplies furnished the several schools for the year 1902 is as follows:

| | *Books.* | *Supplies.* | *Total.* |
|---|---|---|---|
| High, | $762.33 | $1,343.75 | $2,106.08 |
| Harrington Training, | 336.75 | 156.49 | 493.24 |
| John Henry Clifford Grammar, | 336.75 | 172.42 | 409.17 |
| Fifth Street " | 501.82 | 219.88 | 721.70 |
| Robert C. Ingraham " | 1,007.20 | 350.74 | 1,357.94 |
| Middle Street " | 548.66 | 234.93 | 783.59 |
| Parker Street " | 393.87 | 278.49 | 672.36 |
| Acushnet Avenue Primary, | 86.77 | 103.70 | 190.47 |
| I. W. Benjamin " | 79.65 | 201.93 | 281.58 |
| Cannonville " | 11.83 | 42.06 | 53.89 |
| Cedar Street " | 48.70 | 41.18 | 89 88 |
| Cedar Grove Street " | 73.18 | 300.69 | 374.87 |
| Clark Street " | 82.02 | 82.34 | 164.36 |
| Dartmouth Street " | 44.12 | 106.63 | 150.75 |
| George H. Dunbar " | 34.93 | 110.32 | 145.25 |
| Thomas A. Greene " | 66.27 | 80.34 | 146.61 |
| Sylvia Ann Howland " | 35.69 | 101.03 | 136.72 |
| Horatio A. Kempton " | 28.30 | 189.77 | 218.07 |
| Merrimac Street " | 48.25 | 77.66 | 125.91 |
| Phillips Avenue " | 39.31 | 119.01 | 158.32 |
| Thompson Street " | 68.72 | 94.40 | 163.12 |
| Mary B. White " | 35.09 | 47.17 | 82.26 |
| William H. Taylor, Grammar and Primary, | 102.83 | 136.73 | 239.56 |
| South Mill school, | 33.25 | 7.46 | 40.71 |
| Acushnet " | 100.99 | 82.60 | 183.59 |
| North " | 29.74 | 22.17 | 51.91 |
| Plainville " | 17.60 | 8.52 | 26.12 |
| Rockdale " | 28.64 | 27.46 | 56.10 |
| Cedar Street Kindergarten | | 14.26 | 14.26 |
| Cedar Grove Street " | | 27.83 | 27.83 |
| Thomas A. Greene " | | 15.00 | 15.00 |
| John H. Clifford Evening, | 8.50 | 22.28 | 30.78 |

| | | | | |
|---|---|---|---|---|
| Fifth Street | Evening | $32.04 | $3.56 | $35.60 |
| R. C. Ingraham | " | 12.50 | 11.06 | 23.56 |
| Parker Street | " | ..... | 1.68 | 1.68 |
| Phillips Avenue | " | 7.68 | 12.19 | 19.87 |
| Evening High, | | 30.92 | 28.49 | 59.41 |
| Evening Drawing, | | ..... | 6.96 | 6.96 |
| Cooking, | | ..... | 15.80 | 15.80 |
| Manual Training, | | ..... | 23 74 | 23.74 |
| Sewing Department, | | ..... | 1.64 | 1.64 |
| Office, | | ..... | 3.57 | 3 57 |
| | | $5,074.90 | $4,927.93 | $10,002 83 |

The average cost per pupil in the different departments of the schools, for text-books and supplies, has been as follows:

| | |
|---|---|
| High school, | $4.99 |
| Harrington school, | 1.19 |
| Grammar schools, | 1.76 |
| Primary schools, | .58 |
| Ungraded schools, | 1.44 |
| Average for day schools, | 1.23 |
| Average for Evening High school, | .63 |
| Average for Evening Elementary schools, | .75 |
| Average for Evening Drawing school, | .09 |

These figures do not show the actual cost per pupil for text-books and supplies, but the expenditure per pupil from amount raised by taxation. All musical instruments, supplementary readers, reference books, and certain kinds of apparatus are purchased from the income of the Sylvia Ann Howland fund. The actual cost per pupil for text-books and supplies used in instruction would, therefore, be the above figures increased by the amount per pupil expended from the income of the trust fund.

## THE SCHOOL CENSUS.

The school census was taken in the month of September, as required by the laws of the State. This census includes children between the ages of five and fifteen only. The returns show an increase of 538 children in the city for the year within the ages enumerated. Last year the returns showed a decrease of fourteen from the previous year. It may be that there was a reaction in the growth of the city between the years 1900 and 1901, followed by a large growth in 1902. But statistics of attendance in the schools indicate rather a steady growth in the population. I can only account for the discrepancy by charging it to the lack of thoroughness in taking the census in certain wards in the fall of 1901. I realize the difficulties attending the taking of the census, the chief among which is the inability of many parents to speak English. Any doubt thrown on the accuracy of the census is to be deplored, and great effort should be made to secure improvement in the future.

Of the 11,840 children between the ages of five and fifteen reported as residing in the city last September, 7,846 were attending the public schools, 3,106 were attending private or parochial schools, and 888 were not attending any school. The compulsory school age is from seven to fourteen. The 888 children not attending school were those between the ages of five and seven and between fourteen and fifteen. The great majority of children who do not attend school between five and seven are unfortunately those of foreign parentage, and, as a rule, of the most ignorant kind. They are the very children who should be in school at the earliest permissible age, as they, as a rule, are the first to leave school to go to work.

## RECEIPTS AND EXPENDITURES FOR THE YEAR 1902.

The School Committee requested an appropriation for the year of $253,251.50. The City Council granted $237,500. There was expended $227,996.22, and the balance, $9,523.78, was returned to the city treasury.

The question may well be asked why the Committee should ask for a sum that was apparently much larger than was needed, as shown by the difference between the amount asked for and the amount expended; and I will give the explanation.

The request of the School Committee and the appropriation of the City Council are made under three heads in conformity with the Statutes and the City Ordinances.

They are as follows: 1, Pay of Teachers; 2, Incidentals; 3, Repairs of Buildings.

The request for Pay of Teachers was $166,000; the amount granted was $166,000. The amount expended was $161,134.51.

The request for Incidentals was $60,000; the amount granted was $60,000, and the amount expended was $58,511.70.

The request for Repairs of Buildings was $21,600; the amount granted was $8,000. The amount expended was $7,210.34.

The balance in the first account was caused by the employment of less teachers than seemed to be necessary at the beginning of the year, as the increase in pupils was smaller than estimated by reason of the opening of another parochial school and some other causes.

The balance in the second account was caused by the coal strike chiefly. Contracts for coal are usually made in the summer, and the bins of the schools filled for the succeeding winter. The coal bill is between $14,000 and $15,000. Owing to the strike, coal was only purchased

as needed; soft coal was substituted for hard, and the expenditure for fuel appears in the accounts of the year for two months instead of seven as usual. This will cause an abnormal increase in the fuel account for 1903.

The balance in the third account was caused by reason of the inability of the Committee to undertake some contemplated improvements, because so small a percentage of the amount asked for was granted.

The average cost per pupil for the day schools was $27.28, as against $31.00 the preceding year. The cost per pupil for the year 1901 was the largest in the history of the schools. This was caused, as explained then, by the large expenditure for school furniture in equipping new buildings and renewing the heating apparatus in several schools.

There was little or none of this extraordinary expense for 1902. But had it not been for the small fuel account, the actual cost per pupil would have been nearly $30.00. For the year 1903 the cost per pupil will be larger than for 1901. The increase in teachers' salaries and the large fuel account will cause this, if nothing else.

Respectfully submitted,

WM. E. HATCH,
Secretary.

# SALARIES.

## HIGH SCHOOL.

| | | |
|---|---|---|
| Principal, | Maximum salary, | $3,000 |
| Sub-master, | " " | 1,900 |
| Science teacher, | " " | 1,800 |
| Classics and science teacher, | " " | 1,600 |
| Commercial teacher, | | 1,500 |
| Lady assistants | | 1,000 |
| Military instructor, | | 350 |

## NORMAL AND TRAINING SCHOOL.

| | | |
|---|---|---|
| Principal, | Maximum salary, | $1,900 |
| Vice-principal, | " " | 1,200 |
| Science teacher in Normal Dept., and supervisor in Primary grades, | " " | 1,200 |
| Regular assistants, | " " | 675 |
| Seniors, pupil teachers, | | $4 per week |

## GRAMMAR SCHOOLS.

| | | |
|---|---|---|
| Principals, | Maximum salary, | $1,900 |
| Ninth grades, | " " | 750 |
| Eighth grades, | " " | 675 |
| Seventh grades, | " " | 625 |
| Sixth grades, | " " | 625 |
| Fifth grades, | " " | 625 |

## PRIMARY SCHOOLS.

| | | |
|---|---|---|
| Principals of buildings: | | |
| With 4 to 6 rooms occupied, | Maximum salary, | $700 |
| " 6 " 8 " " | " " | 750 |
| " 8 " 10 " " | " " | 800 |
| " 12 " " | " " | 900 |
| " 15 or more, | " " | 950 |
| Principals of buildings with number of rooms not specified in above list to be paid pro rata. | | |
| Assistants in all grades, | " " | 625 |

## UNGRADED SCHOOLS.

### ACUSHNET.

| | | | |
|---|---|---|---|
| Principal, | Maximum salary, | | $900 |
| Assistant with Seventh grade, | " | " | 625 |
| " " Fifth and Sixth grades, | " | " | 625 |
| " " First, Second, Third and Fourth grades, | " | " | 625 |

### ROCKDALE.

| | | | |
|---|---|---|---|
| Principal, | " | " | 700 |
| Assistant, | " | " | 625 |

### NORTH.

| | | | |
|---|---|---|---|
| Principal, | " | " | 700 |
| Assistant, | " | " | 625 |

### PLAINVILLE.

| | | | |
|---|---|---|---|
| Principal, | " | " | 600 |

### UNGRADED CITY SCHOOLS.

| | | | |
|---|---|---|---|
| Grammar grades, | " | " | 650 |
| Primary " | " | " | 625 |

## SUPERVISORS AND SPECIAL TEACHERS.

| | | | |
|---|---|---|---|
| Supervisor of Music, | Maximum salary, | | $1,900 |
| " Drawing, | " | " | 1,500 |
| Teacher of French, Grammar grades, | " | " | 800 |
| " Sloyd, | " | " | 1,600 |
| " Cooking, | " | " | 800 |
| " Sewing, supervisor, | " | " | 650 |
| " " assistants (full time), | " | " | 550 |

The maximum salaries are paid only to such teachers as have taught at least three years and to whom such salaries are recommended to be paid by the proper sub-committees and the Committee on Salaries.

# CALENDAR, 1903.

Winter term begins Dec. 29, 1902 ; ends March 27, 1903.
Summer term begins April 6, 1903 ; ends June 26, 1903.
Fall term begins Sept. 14, 1903 ; ends Dec. 18, 1903.

## VACATIONS.

March 28, 1903, to April 6, 1903.
June 27, 1903, to Sept. 14, 1903.
Dec. 19, 1903, to Dec. 28, 1903.

## HOLIDAYS.

Every Saturday ; Washington's Birthday ; Patriots' Day; Memorial Day ; from Wednesday noon before Thanksgiving the remainder of the week.

## SCHOOL SESSIONS.

High School : 8.30 a. m. to 1.30 p. m.

Grammar and Manual Training Schools : Morning session, 9 to 11.45 o'clock. Afternoon session, 1.30 to 3.45 o'clock, without recess.

Primary Schools and Kindergartens : Morning session, 8.45 to 11.45 o'clock, with 15 minutes' recess, except in inclement weather, when the schools will close at 11.25 o'clock, without recess. Afternoon session, 1.30 to 3.30 o'clock, with a recess of 10 minutes.

Ungraded Schools : Sessions as prescribed by the Committee on Ungraded Schools.

## FIRE ALARM SIGNAL FOR NO SCHOOL.

The signal for no session is two strokes of the fire alarm once repeated (2-2.)

The signal for no session of the High School will be given at 7.30 o'clock a. m.

The signal for no session in all the other schools will be given at 8.15 o'clock a. m. for the morning session, and at 12.45 o'clock p. m. for the afternoon session.

1827–1902.

## GRADUATION EXERCISES
## NEW BEDFORD HIGH SCHOOL.

At the New Bedford Theatre,
Friday, June 27, 1902.
2.30 p. m.

### PROGRAMME.

1. March—"The White Squadron," - *Theo. Tobani.*
   Orchestra.
2. Prayer.
   By the Rev. W. B. Geoghegan.
3. Salutatory.
   Ada Moorhouse.
4. Overture—"Zampa," - - - *Herold.*
   Orchestra.
5. Oration—Patriotism and Partisanship.
   William Obed Devoll, Jr.
6. Waltz—"Towjours Fidele," - *E. Waldteufel.*
   Orchestra.
7. Original Declamation—"Zenobia at the Battle of Antioch."
   Margaret Clementine Gleason.
8. Selection from "Faust," - - - *Gounod.*
   Orchestra.
9. Valedictory—"Bringing Our Sheaves with Us."
   Ruth Darling Beetle.

10. The Awarding of Diplomas and Bourne Prizes.
By Hon. F. A. Milliken,
Chairman of the High School Committee.

WINNERS OF THE JONATHAN BOURNE PRIZES.

| | |
|---|---|
| First, - - - | Augusta Wilder Pittman. |
| Second, - - - | William Bertram Twiss. |
| Third, - - | Margaret Clementine Gleason. |

11. Class Hymn, - Words by Augusta Wilder Pittman.
Music by Harold Talcott Sturtevant.

I.

What of the fate revealed alone by Time?
In answer clear we hear the tongues of bells;
"Naught tells the future bane of strife or crime;
The coming boon of peace or grace, naught tells."

CHORUS.

Naught tells, naught tells the secrets Time doth hide;
He wisely holds them far beyond our reach.
In this one faith let us rest satisfied;
If high our aim, then God will guide and teach.

II.

In eager tones, we ask the winds for truth;
A soft and gentle whisper lulls our fear;
"All faithful efforts earn rewards, O youth,
From him who 'cross the vale of years can peer."

III.

The voice of purling brooks dispels our care:
"O ye who yearn to look ahead, learn how
Thro' life to smile—in joy or grief, despair
Or hope—submissively your heads to bow."

IV.

The birds from heaven now sound this noble strain:
"By *being*, not *appearing*, know ye all
That ye the greatest good shall ever gain,
Since in the end base Fraud, not Truth, shall fall."

12. March—"The Storm King," - *E. T. Paull.*
Orchestra.

## CLASS OF 1902.

"*Esse Quam Videri.*"

### POST GRADUATE.

Helen Adelaide Howland.
(*Typewriting, Stenography and Bookkeeping.*)

### GRADUATES.

*College and General Courses.*
(Four Years.)

Louis Robinson Chadwick,
William Obed Devoll, Jr.,
Franciscus Thatcher Francis,
Manuel Henry Gonsalves,
Herbert Millman Harrison,
Alexander Hicks,
John Patrick Norton,
Dennis Alphonsus Shea,
Frederic Alvah Shurtleff,
Frederic Edward Smith,
Charles Atsatt Sparrow,
Killey Eldridge Terry, Jr.,
William Bertram Twiss,
James Joseph Whelan,
Winnifred Hunter Ashley,
Ruth Darling Beetle,
May Ursula Bruce,
Gertrude Margaret Cunningham,
Helen Louise Davies,
Florence Marion DeWolf,
Elizabeth Agnes Downey,
Ida Belle Dunlap,
Louise Bridget Dupre,
Anna Maria Ekdahl,
Jennie Louise Forsyth,
Mary Alice Gilmartin,
Margaret Clementine Gleason,
Jeanette Greer,
Charlotte Alice Higham,
Ella Rich Hillman,
Ellen Agnes Hurley,
Helen Sophia Knowlton,
Alice Wade Lowther,
Mary Amelia Merser,
Ada Moorhouse,
Sadie May Moulton,
Katherine Martha O'Malley,
Gladys Omey,
Lizzie Alden Peirce,
Bertha Elizabeth Piggott,
Augusta Wilder Pittman,
Eva Ellsworth Schwall,
Lena Alice Spencer,
Lena Montague Sullavou,
Isabel Laird Swift,
Mabel Brownell Taylor,
Leola Grace Watson,
Clara Willis.

*Commercial Course.*

(Three Years.)

Frederick Lewis Doyle,
Herbert Clifton Leonard,
Harold Talcott Sturtevant,
James Arthur Taylor, Jr.,
Emma Thornton Adams,
Emmie Eggers Aiken,
Elizabeth Brown Crowell,
Lizzie Brownell Dayton,
Ethel Allen Macomber,
Mary Amelia Teixeira.

*Special.*

Lillian Gertrude Chace.

(*Typewriting, Stenography and Bookkeeping.*)

## GRADUATING EXERCISES
## GRAMMAR AND UNGRADED SCHOOLS.

NEW BEDFORD, MASS.

HALL OF THE ROBERT C. INGRAHAM SCHOOL,
JUNE 26, 1902, AT 2 30 O'CLOCK P. M.

### PROGRAMME.

1. Prayer.
   Rev. Walter B. Flanders.

2. Song—"O'er the Meadows," *Boyton Smith, arr.*

3. Composition—"The Long Keel."
   Susie Maude Carter,
   Middle Street School.

4. Composition—"The Value of the Study of History."
   Susie Partington Bailey,
   John H. Clifford School.

5. Compostion—"A Local Industry."
   Mary Elizabeth Morrison,
   Fifth Street School.

6. Song—"Weigenlied," - - - *Frank.*

7. Discussion—"Our Duty Towards the Philippines."
   David Lumiansky—Independence.
   Samuel Edward Bentley—American Control.
   Robert C. Ingraham School.

8. Composition—"What Does Success in Life Mean?"
   Archibald Alexander Talmage,
   Parker Street School.

9. Address to the Graduates.
   Robert F. Raymond, Esq.

10. Presentation of Diplomas.

Mrs. Ada W. Tilinghast,
Chairman Committee on Grammar Schools.
Mr. John H. Lowe,
Chairman Committee on Ungraded Schools.

11.—Song—"Heaven and the Earth Display,"
*Mendelsshon's Athalie.*

Music conducted by Mr. Fred H. Butterfield,
Supervisor of Music.

*The Graduates are from the following Schools:*

*Grammar Schools.*

Fifth Street—Mr. Allen F. Wood, Principal.
Parker Street—Mr. Arthur F. Gilbert, Principal.
Middle Street—Mr. Elwyn G. Campbell, Principal.
John H. Clifford—Mr. Edward B. Gray, Principal.
Robert C. Ingraham—Miss Alice C. Munsey, Principal.

*Ungraded Schools.*

Acushnet—Miss Annie C. Maxfield, Principal.
Rockdale—Miss Lizzie M. Fisher, Principal.
North—Miss Mary I. Ashley, Principal.

*Total Number of Graduates.*

| | |
|---|---|
| Grammar Schools, | 182 |
| Ungraded Schools, | 12 |
| Grand total, | 194 |

1889–1902.

## GRADUATING EXERCISES HENRY F. HARRINGTON NORMAL AND TRAINING SCHOOL.

At the Robert C. Ingraham School,
Friday, December 12, 1902, 8 p. m.

### ORDER OF EXERCISES.

Prayer.
Rev. Percy Gordon.

Music—"Hand in Hand we Hasten," *Abt*

Thesis—"My Aquaria,"
Miss Moore.

Thesis—"Books of My Professional Library."
Miss Gidley

Music—"Ave Maria," *Mendelssohn*

Presentation of Diplomas.
William E. Hatch,
Superintendent of Schools.

Address.
William H. P. Faunce,
President Brown University.

*Theses.*

"An Ideal School: A Review," - - - - - Miss Casey
"Books of My Professional Library," - - - - Miss Gidley
"Arithmetic," - - - - - - - - - Miss Harwood
"Children of Other Lands," - - - - - Miss Howland
"Habit," - - - - - - - - - - - Miss Hunt
"Some Great Teachers," - - - - - - - Miss Keith
"Writing," - - - - - - - - - - Miss King
"Tact," - - - - - - - - - - - Miss Lloyd
"My Aquaria," - - - - - - - - - Miss Moore

"Historical Landmarks of New Bedford," - Miss Anna Rogers
"Poetry for Children," - - - - - Miss Ethel Rogers
"Henry David Thoreau, John Burroughs and William Hamilton Gibson as Students of Nature," - - - Miss Sequeira
"Means of Communication in the United States," - Miss Sylvia

*Graduates.*

Emma Gertrude Casey,
Annie Bertha Gidley,
Bessie Matilda Harwood,
Lucy Warner Howland,
Carrie Jane Hunt,
Annie Ritchie Keith,
Laura May King,
Alice Gertrude Lloyd,
Florence Elizabeth Moore,
Anna Christina Rogers,
Ethel May Rogers,
Francisca Adaline Sequeira,
Carolyn Beatrice Sylvia,
Ethel Elma Clapp (out of course)

## SCHOOL BOARD, 1902.

CHARLES S. ASHLEY, Mayor, Chairman, ex-officio.

FRANK A. MILLIKEN, Vice-Chairman.

WILLIAM E. HATCH, Secretary and Superintendent.

SAMUEL HIGHAM, President of Common Council, ex-officio.

*Ward 1*—John H. Lowe, J. Frank Weeks, Frank R. Pease.

*Ward 2*—Lewis E. Bentley, Walter B. Flanders, Henry T. Corson.

*Ward 3*—Edgar B. Hammond, George W. H. Brownell, Stephen H. Shepherd.

*Ward 4*—Alex. Mc. L. Goodspeed, Ada W. Tillinghast, Frank A. Milliken.

*Ward 5*—William C. Hawes, Betsey B. Winslow, Otis S. Cook.

*Ward 6*—John F. Rogers, Arthur E. Buffington, Joseph C. Pothier.

## STANDING COMMITTEES.

WILLIAM E. HATCH, Secretary.

The first named on each Standing Committee is Chairman of the same.

*On High School*—Milliken, Pothier, Winslow, Pease, Tillinghast, Buffington, Weeks, Bentley, Shepherd, Lowe.

*On Grammar Schools*—Tillinghast, Milliken, Pothier, Lowe, Winslow, Buffington, Bentley, Weeks, Corson, Brownell.

*On Primary Schools*—Pothier, Winslow, Weeks, Lowe, Pease, Rogers, Shepherd, Cook, Flanders.

*On Ungraded Schools*—Lowe, Weeks, Pease, Rogers, Bentley, Goodspeed, Corson, Brownell, Flanders, Hawes.

*On Normal and Training School and Examination of Teachers* —Winslow, Milliken, Buffington, Tillinghast, Goodspeed, Pothier, Rogers, Hammond.

*On Truants*—Rogers, Goodspeed, Corson, Cook, Hawes.

*On Manual Training and Music*—Weeks, Winslow, Pease, Rogers, Bentley, Shepherd, Corson, Brownell, Cook.

*On Text Books*—Tillinghast, Milliken, Buffington, Goodspeed, Flanders, Brownell, Hawes.

*On Expenditures*—Pothier, Milliken, Pease, Lowe, Weeks, Bentley, Buffington, Rogers, Corson, Higham.

*On Howland Fund*—Shepherd, Milliken, Weeks, Buffington, Lowe, Pothier, Bentley, Tillinghast, Hammond, Higham.

*On Rules*—Rogers, Corson, Milliken, Cook, Hammond.

*Special Committees on Art*—Shepherd, Tillinghast, Winslow, Goodspeed, Flanders.

# SCHOOL BOARD, 1903.

CHARLES S. ASHLEY, Mayor, Chairman, ex-officio.

FRANK A. MILLIKEN, Vice-Chairman.

WILLIAM E. HATCH, Secretary and Superintendent.
Office, 166 William Street.
Office hours, 8.30 to 9 A. M., 12.30 to 1.30 P. M. Saturdays, 9 to 10 A. M.

SAMUEL HIGHAM, President of the Common Council, ex-officio.

Regular meetings of the Board, first Monday of each month at 7.30 P. M., except in the months of January, August and September. In January and September the meetings will be held the Tuesday after the first Monday. In August no meeting will be held.

WARD ONE.

| *Name.* | *Place of Business.* | *Residence* |
|---|---|---|
| Frank R. Pease, | 923 Acushnet avenue, | 921 Acushnet avenue. |
| John H. Lowe, | | 935 Acushnet avenue. |
| J. Frank Weeks, | Cor. Acushnet ave. and Tarklin Hill rd. | Cor. Acushnet ave. and Tarklin Hill rd. |

WARD TWO.

| | | |
|---|---|---|
| Alfred Thornton, | Mechanics Nat'l bank, | 635 County street. |
| Lewis E. Bentley, | Supt. Bennett Spinning Co. | 526 Purchase street. |
| Walter B. Flanders, | | 16 Homer street. |

WARD THREE.

| | | |
|---|---|---|
| Edward G. Reynolds, | 270 Purchase street, | 210 Pleasant street. |
| Edgar B. Hammond, | 179 No. Water street, | 66 North street, |
| George W. H. Brownell, | Standard Office, | 147 Hillman street. |

WARD FOUR.

| | | |
|---|---|---|
| Frank A. Milliken, | Masonic Building, | 8 Lincoln street. |
| Alex. Mc. L. Goodspeed, | 37 Purchase street, | 20 Seventh street. |
| Ada W. Tillinghast, | | 37 Eighth street. |

WARD FIVE.

| | | |
|---|---|---|
| Louis M. Flocken, | | 347 County street. |
| William C. Hawes, | Masonic Building, | 73 Borden street. |
| Betsey B. Winslow, | | 315 County street. |

WARD SIX.

| | | |
|---|---|---|
| Joseph C. Pothier, | 245 Fourth street, | 247 Fourth street. |
| John F. Rogers, | 100 Potomska street, | 97 Acushnet avenue. |
| Arthur E. Buffington, | 1 Crapo street, | 27 Crapo street. |

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EMMA M. ALMY, Head Clerk, - - - 87 Court street.
MARY C. POTTER, Assistant Clerk, - - 185 Middle street.

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HENRY SMITH, Truant Officer, - - - 372 Cottage street.
WILLIAM A. BAKER, Truant Officer, - - 213 Fourth street.
Office hours, 12.30 to 1 P. M.; Saturdays, 9 to 9.30 A. M.

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GEORGE K. DAMMON, Janitor and Messenger, 136 Campbell St.

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Office of Superintendent of Schools open 8.30 A. M. to 4.30 P. M., except Saturdays, Saturdays from 9 A. M. to 11 A. M., 2 P. M. to 4 P. M.

## STANDING COMMITTEES.

WILLIAM E. HATCH, Secretary.

The first named on each Standing Committee is the Chairman of the same.

*On High School* — Milliken, Pothier, Winslow, Pease, Tillinghast, Weeks, Bentley.

*On Grammar Schools* — Tillinghast, Pothier, Lowe, Buffington, Bentley, Brownell, Hammond.

*On Primary Schools* — Pothier, Winslow, Weeks, Lowe, Pease, Rogers, Flanders.

*On Evening Schools and Ungraded Schools* — Lowe, Weeks, Pease, Bentley, Goodspeed, Brownell, Hawes.

*On Normal and Training School and Examination of Teachers* — Winslow, Milliken, Buffington, Goodspeed, Hammond, Flocken, Reynolds.

*On Manual Training and Music* — Weeks, Winslow, Pease, Rogers, Brownell, Flanders, Thornton.

*On Text Books* — Tillinghast, Milliken, Buffington, Goodspeed, Flanders, Brownell, Hawes.

*On Expenditures* — Pothier, Milliken, Pease, Lowe, Weeks, Bentley, Buffington, Thornton, Rogers, Higham.

*On Howland Fund* — Hammond, Lowe, Bentley, Buffington, Flocken, Reynolds, Higham.

*On Rules* — Rogers, Milliken, Hammond, Hawes, Thornton, Reynolds, Flocken.

*On Art* — Flanders, Tillinghast, Winslow, Hawes, Thornton, Goodspeed, Flocken.

# Teachers and Janitors.

## HIGH SCHOOL.

Summer Street, between Mill and North Streets.

| | | |
|---|---|---|
| Wilson R. Butler, Principal, | 15 Chestnut street, | $2,750 |
| William E. Sargent, Sub-Master and Mathematical Teacher, | 396 Union street, | 1,700 |
| Charles R. Allen, Science Teacher, | (absent on leave) | 1,700 |
| Robert M. Brown (supply teacher), | 35 Eighth street, | 1,200 |
| Charles T. Bonney, Jr., Classics and Science Teacher, | 343 So. Orchard street, | 1,600 |
| Edwin H. Harris, Commerc'l Teach'r, | 8 Park place, | 1,400 |
| Lydia J. Cranston, Assistant, | 129 Elm street, | 1,000 |
| Elizabeth P. Briggs, " | 2 Arch street, | 900 |
| Amy S. Rhodes, " | 131 Summer street, | 1,000 |
| Mary E. Austin, " | 512 Kempton street, | 900 |
| Lucretia N. Smith " | 500 Cottage street, | 900 |
| Emma K. Shaw, " | 4 Morgan terrace, | 900 |
| Helen L. Hadley, " | 220 Grinnell street, | 900 |
| Mabel W. Cleveland " | 81 North street, (absent on leave) | 900 |
| Fred F. Locke, " | 117 Hillman street, (supply teacher) | 800 |
| Mary C. Wiggin, " | 42 Summer street, | 900 |
| Adah M. Tasker, " | 84 Court street | 900 |
| Lena M. Newcastle, " | 35 Eighth street, | 900 |
| Edmond E. Baudoin, Milit'y Inst'r, | 171 Court street, | 300 |
| Clerk, Sarah D. Ottiwell, | 184 Kempton street, | 600 |
| Janitor, Phylander Chace, | 303 County street, | 1,000 |
| Ass't Janitor, John D. Sherman, | 37 Vine street, | 600 |

## HARRINGTON NORMAL AND TRAINING SCHOOL.

Court Street, corner of Tremont Street.

| Grade. | | | |
|---|---|---|---|
| | Cora A. Newton, Principal, | 86 Court street, | $1,700 |
| | Mary E. Trask, Vice-Principal, | 86 Court street, | 1,100 |
| | Carolyn D. Wood, Normal Teacher and Nature Supervisor in Primary grades, | 92 High street, | 1,200 |
| 6 | Kate Moore, Assistant, | 105 Park street, | 650 |
| 5 | Madelide Gile, " | 86 Court street, | 600 |
| 4 | Mary J. Read, " | 65 Cottage street, | 600 |
| 3 | Grace W. Russell, " | 417 Union street, | 600 |
| 2 | May Johnson, " | 26 Seventh street, | 500 |
| 1 | Hattie L. Shafter, " | 215 Maxfield street, | 500 |

SENIORS—to graduate in December:

| | | Per week. |
|---|---|---|
| Harriet Brownell, | 133 Chestnut street, | $4 00 |
| Mary Bryant, | 97 Austin street, | 4 00 |
| Charlotte S. Christopher, | 63 Chancery street, | 4.00 |
| Jennie M. Deacon, | 417 Union street, | 4.00 |
| Marion H. Dexter, | 148 Summer street, | 4.00 |
| Laura B. Fuller, | 92 Hillman street, | 4.00 |
| May B. Jason, | 111 South Seventh, | 4.00 |
| Mary E. Kane, | 530 Cottage street, | 4 00 |
| Ethel L. Karcher, | 35 Hollyhock street, | 4.00 |
| Mary L. Killigrew, | 304 Cedar street, | 4.00 |
| Myrtilla G. Sequeira, | 155 Grinnell street, | 4.00 |
| Lizzie M. Stow, | 77 Smith street, | 4.00 |
| Julia Tresham, | 241 Brownell street, | 4.00 |
| Laura H. Wilde, | 35 Chestnut street, | 4.00 |
| Josephine C. Yates, | 151 Merrimac street, | 4.00 |

JUNIORS:

| | |
|---|---|
| Ruth D. Beetle, | East French avenue. |
| May U. Bruce, | 112 High street. |
| Gertrude M. Cunningham, | 131 So. Second street. |
| Helen L. Davies, | 809 County street. |
| Jennie L. Forsyth, | 288 Palmer street. |
| Jeanette Greer, | 148 Rotch street. |
| Charlotte A. Higham, | 110 Merrimac street. |

| | | |
|---|---|---|
| Ella R. Hillman, | 52 Washington street. | |
| Ellen A. Hurley, | 327 So. Second street. | |
| Alice W. Lowther, | 253 Mill street. | |
| Ada Moorhouse, | 241 Coffin avenue. | |
| Sadie M. Moulton, | 211 Cedar street. | |
| Augusta W. Pittman, | 37 Foster street. | |
| Lizzie A. Peirce, | 22 Dartmouth street. | |
| Mary M. Sullivan, | 78 North street. | |
| Janitor, Robert Arnett, | 141 Tremont street, | $800 |

## MIXED SCHOOL.

WILLIAM H. TAYLOR.

Brock avenue.

| Grade. | | | |
|---|---|---|---|
| 7 & 6 | Mary E. McAuliffe, principal, | 42 Hill street, | $700 |
| 5 | Carrie M. Leavitt, assistant, | 13 Allen street, | 600 |
| 4 | Mary E. Gleason, " | Clara street, | 500 |
| 3 | Elizabeth J. Hurley, " | 232 Sawyer street, | 500 |
| 2 | Adelaide M. Cota, " | 85 Morgan street, | 500 |
| 2 | Ida M. Pettee, " | 90 High street, | 550 |
| 1 | Mary A. Horan, " | 19 Viall street, | 400 |
| 1 | Elizabeth C. Carter, " | 211 Park street, | 450 |
| | Janitor, Henry M. Gifford, | Dudley street, | 700 |

## GRAMMAR SCHOOLS.

JOHN HENRY CLIFFORD.

Coggeshall street, corner Bowditch street.

| | | | |
|---|---|---|---|
| | Edward B. Gray, principal, | Fairhaven, Mass., | $1,900 |
| 9 & 8 | Emma A. McAfee, assistant, | 63 Fifth street, | 675 |
| 8 & 7 | Katherine E. Kenyon, " | 55 Walnut street, | 600 |
| 7 | Lizzie A. Nickerson, " | 31 Sycamore street, | 600 |
| 6 | Flora M. Corwin, " | 111 Summer street, | 600 |
| 6 | Emma A. Eaton, " | 24 Pearl street, | 600 |
| 5 | Louise M. Newhall, " | 232 Pleasant street, | 600 |
| 5 | Susan Gifford, " | Fairhaven, Mass., | 600 |
| 5 | Rachel M. Wordell, " | 83 Hillman street, | 600 |
| 5 | Mary G. LaPlante, " | 100 Hillman street, | 600 |
| 4 | Mary O. Lamb, " | 37 Hill street, | 550 |
| 3, 2, 1 | Mabel F. Alden, " | 232 Pleasant street, | 600 |
| | Janitor, William Woolfenden, | 907 County street, | 900 |

FIFTH STREET.

Fifth street, corner of Russell street.

| | | | | |
|---|---|---|---|---|
| | Allen F. Wood, | principal, | 111 Acushnet avenue, | $1,900 |
| 9 | Lydia A. Macreading, | assistant, | 33 Bonney street, | 675 |
| 8 | Sarah E. Stoddard, | " | 352 County street, | 600 |
| 8 | Mary E. Allen, | " | 25 Madison street, | 600 |
| 7 | Mary W. Leymunion, | " | 56 So. Emerson street, | 600 |
| 7 | Mary A. Kane, | " | 127 Grinnell street, | 600 |
| 6 | Grace L. Carver, | " | 243 Acushnet avenue, | 600 |
| 6 | Annie C. Hart, | " | 35 Fifth street, | 600 |
| 5 | Helen C. Hervey, | " | 578 County street, | 550 |
| 5 | Lottie M. Allen, | " | 118 Fifth street, | 600 |
| 5 | Florence M. Ellis, | " | 26 Seventh street, | 600 |
| | Janitor, Henry T. Phillips, | | 303 County street, | 700 |

ROBERT C. INGRAHAM.

Rivet street, between Acushnet avenue and Second street.

| | | | | |
|---|---|---|---|---|
| | Alice C. Munsey, | principal, | 43 Fifth street, | $1,900 |
| 9 | N. Emma Slack, | assistant, | 79 Fifth street, | 675 |
| 8 | Elizabeth M. Briggs, | " | 351 County street, | 600 |
| 8 | Agnes M. James, | " | 21 Fifth street, | 600 |
| 7 | Helen T. Maxfield, | " | 75 Madison, | 600 |
| 7 | Cora B. Cleveland, | " | 81 North street, | 600 |
| 7 | Ann L. Murkland, | " | 55 Walnut street, | 600 |
| 6 | Anna H. Bartlett, | " | 55 Walnut street, | 600 |
| 6 | Clara E. Sherman, | " | 248 County street, | 450 |
| 6 | Anna E. Van Allen, | " | 110 South Seventh street, | 600 |
| 5 | Mary A. Macy, | " | 51 Russell street, | 600 |
| 5 | Mary A. Lee, | " | 31 Fifth street, | 600 |
| 5 | Margaret E. Balcom, | " | 110 South Seventh street, | 550 |
| | Janitor, Dennis J. McAuliffe, | | 17 Bonney street, | 900 |

ROBERT C. INGRAHAM ANNEX:

In Thompson Street School Building.

| | | | | |
|---|---|---|---|---|
| 6 & 5 | Margaret M. Healey, | Assistant, | 69 Fourth street, | 550 |
| 5 | Elva A. Fellows, | " | 110 South Seventh street, | 600 |

MIDDLE STREET.

Summer street, between Elm and Middle streets.

| | | | | |
|---|---|---|---|---|
| | Elwyn G. Campbell, | Principal, | 56 State street, | 1,900 |
| 9 | Lucy B. Fish, | Assistant, | 37 Sycamore street, | 675 |

| | | | | |
|---|---|---|---|---|
| 9 | Lucy F. Winchester, | Assistant, | Fairhaven, Mass., | 675 |
| 8 | Etta M. Abbott, | " | 233 Middle street, | 600 |
| 8 | Anastasia O'Keefe, | " | 147 Middle street. (absent on leave) | 600 |
| | Carrie J. Hunt, | " | 147 Maxfield street, (supply teacher) | 450 |
| 7 | Julia C. Gifford, | " | 18 Bedford street, | 600 |
| 7 | Lizzie E. Omey, | " | 63 Thomas street, | 600 |
| 6 | Clara S. Vincent, | " | 233 Middle street, | 600 |
| 6 | Helen McCoy, | " | 74 Walnut street, | 600 |
| 5 | Regina M. Paul | " | 71 Morgan street, | 600 |
| 5 | Elizabeth D. Hicks, | " | 98 Hillman street, | 600 |
| | Janitor, LeRoy G. Tripp, | | 71 North street, | 700 |

PARKER STREET.

Parker street, near County street.

| | | | | |
|---|---|---|---|---|
| | Arthur F. Gilbert, | Principal, | 26 Seventh street, | 1,900 |
| 9 | Gertrude M. Flanigan, | Assistant, | 216 Summer street, | 675 |
| 9 | Katherine Haley, | " | 134 Chestnut street, | 675 |
| 8 | Daisy M. Butts, | " | 116 Willis street, | 600 |
| 8 | Belle W. Burt, | " | 3 Mt. Vernon street, | 600 |
| 7 | Mary L. Pettey, | " | 718 County street, | 600 |
| 7 | Emily A. Delano, | " | East Freetown, Mass., | 600 |
| 7 | Louise E. Hicks, | " | 98 Hillman street, | 550 |
| 6 | A. Mabel Drew, | " | 215 Maxfield street, | 600 |
| 6 | Lila B. Lewis, | " | 131 Summer street, | 600 |
| 5 | Lillian T. Thomas, | " | 354 Hathaway road, | 600 |
| 5 | Rose M. Meaney, | " | 285 Cedar street, | 600 |
| 5 | S. Agnes Holmes, | " | 671 County street, | 600 |
| | Janitor, John H. Murphy, | | 184 Ashland street, | 900 |

PARKER STREET ANNEX.

In Horatio A. Kempton School Building.

| | | | | |
|---|---|---|---|---|
| 6 | Jane E. Conway, | | 122 Acushnet avenue, | 450 |
| 5 | Marie Clifford, | | 122 Acushnet avenue, | 600 |

## PRIMARY SCHOOLS.

ACUSHNET AVENUE.

Acushnet avenue, near Grinnell street.

| | | | | |
|---|---|---|---|---|
| | Sarah E. Kirwin, | Principal, | 101 South Sixth street, | 750 |

| | | | |
|---|---|---|---|
| 4 | Gertrude L. Corish, Assistant, | 86 Mill street, | 450 |
| 4 | Mary C. Barstow, " | 337 South Orchard street, | 550 |
| 3 | Sylvia W. Paulding, " | 50 Fifth street, | 550 |
| 3 | Ella W. Cake, " | 419 Union street, | 550 |
| 2 | Caroline S. Silva, " | 63 Washington street, | 550 |
| 2 | Catherine O'Connell, " | 31 Fifth street, | 550 |
| 2 | Eudorah K. Barry, " | 285 Cedar street, | 500 |
| 1 | Lida J. Brightman, " | 120 Acushnet avenue, | 550 |
| 1 | Julia M. Pilling, " | 90 Bedford street, | 550 |
| 1 | Lucie White, " | East Freetown, Mass., | 550 |
| | Janitor Samuel S. Broadbent, | 66 Washington street, | 700 |

I. W. BENJAMIN.

Division street between Acushnet avenue and Second street.

| | | | |
|---|---|---|---|
| | Jane E. Gilmore, Principal, | 245 Acushnet avenue, | 825 |
| 4 | Nellie W. Davis, Assistant, | 115 Summer street, | 550 |
| 4 | Hannah E. Norton, " | 52 Locust street, | 550 |
| 3 | Alice A. Taylor, " | 299 County street, | 550 |
| 3 | Florence M. Anthony, " | 208 Grinnell street, | 550 |
| 3 | Ethel Bliss, " | 233 Arnold street, | 500 |
| 2 | Sophie T. Anthony " | 123 Fifth street, | 550 |
| 2 | Flora A. Pearl, " | 74 Walnut street, | 550 |
| 2 | Cecelia A. Deane, " | 77 Fifth street, | 550 |
| 1 | Emma L. Gartland, " | 9 Washington street, | 550 |
| 1 | Laura C. McCabe, " | 153 Grinnell street, | 550 |
| 1 | Mary F. Livingstone, " | 16 Fifth street, | 550 |
| 1 | Anne J. Chase, " | 11 Chestnut street, | 450 |
| | Janitor, Edwin S. Tallman, | 129 South street, | 800 |

CANNONVILLE.

Rockdale avenue, near Kempton street.

| | | | |
|---|---|---|---|
| 4 & 3 | Adelaide J. McFarlin, Principal, | 272 Cottage street, | 575 |
| 2 & 1 | Florence A. Poole, | 98 Parker street, | 550 |
| | Janitor, Thomas A. Wall, | 900 Rockdale avenue, | 150 |

CEDAR STREET.

Cedar street, corner of Maxfield street.

| | | | |
|---|---|---|---|
| 4 | Annie G. Brawley, principal, | 68 Walden street, | 650 |
| 3 | Madeline A. Gregg, Assistant, | 443 Cottage street, | 550 |
| 2 | Mabel L. Hathaway, " | 216 Middle street, | 550 |

| | | | |
|---|---|---|---|
| 2 & 1 | Esther W. Paul, Assistant, | 103 Sycamore street, | 550 |
| 1 | Ruth M. Tripp, " | 399 Union street, | 550 |

KINDERGARTEN DEPARTMENT.

| | | |
|---|---|---|
| Ada S. Blake, | 183 Kempton street, | 550 |
| Susan F. Haskins, | 87 Chestnut street, | 450 |
| Janitor, Robert J. Moncrieff, | 42 Hazard street, | 600 |

CEDAR GROVE STREET.

Cedar Grove street, near Acushnet avenue.

| | | | |
|---|---|---|---|
| | Agnes J. Dunlap, Principal, | 258 Pleasant street, | 875 |
| 4 | Mary R. Dalton, Assistant, | 401 Purchase street, | 550 |
| 4 | Kate Sweet, " | 287 Kempton street, | 550 |
| 3 | Alice P. Winchester, " | Fairhaven, Mass., | 550 |
| 3 | Minnie H. Smythe, " | 32 Parker street, | 550 |
| 3 | Mary F. Staples, " | 13 Allen street, | 550 |
| 2 | Sara Peckham, " | 271 Union street, | 550 |
| 2 | Mary P. Brownell, " | 133 Chestnut street, | 550 |
| 2 | Harriet A. Taylor, " | 114 Willis street, | 550 |
| 2 | Mary E. Boardman, " | 1108 Acushnet avenue, | 550 |
| 2 | Ethel E. Clapp, " | 81 Hillman street, | 450 |
| 1 | Grace W. Dillingham, " | 67 Willis street, | 550 |
| 1 | Mary I. McCormick, " | 433 Purchase street, | 500 |
| 1 | Gertrude H. Poole, " | North Dartmouth, Mass., | 550 |
| 1 | Mary W. Snow, " | 68 Parker street, | 500 |

KINDERGARTEN DEPARTMENT.

| | | |
|---|---|---|
| Anna Hill, | 216 Middle street, | 550 |
| Irene M. Bassett, | 83 Summer street, | 550 |
| Janitor, Frederick O. Pollock, | 171 Mill street, | 100 |

CLARK STREET.

Clark street, corner Myrtle street.

| | | | |
|---|---|---|---|
| 4 | Elizabeth P. Spooner, Principal, | 129 Hillman street, | 675 |
| 4 | Isabella Luscomb, Assistant, | 245 Cedar street, | 550 |
| 3 | Annie S. Ray, " | 41 Parker street, | 550 |
| 2 | Lucia E. Bliss, " | 134 Arnold street, | 550 |
| 2 | Mary E. Bumpus, " | Fairhaven, Mass., | 525 |
| 1 | Harriet J. Thorpe, " | 10 Richmond street, | 550 |
| 1 | Lucy S. Leach, " | 163 Maxfield street, | 550 |
| | Janitor, Edwin Jones, | 35 Myrtle street, | 700 |

DARTMOUTH STREET.

Dartmouth street, corner Hickory street.

| | | | |
|---|---|---|---|
| 4 | Isadore F. Eldridge, Principal, | 71 Bonney street, | 700 |
| 4 | Sarah F. Pratt, Assistant, | 233 Acushnet avenue, | 550 |
| 3 | Carrie W. Bliss, " | 233 Arnold street, | 550 |
| 3 | Carolyn S. Jones, " | 55 Court street, | 550 |
| 2 | Nellie H. Cook, " | 53 Walnut street, | 550 |
| 2 | Jeannette B. Fuller, " | 34 Grape street, | 550 |
| 1 | Annie F. Smith, " | 50 Fifth street, | 550 |
| 1 | Nellie L. Foster, " | 75 Bay street, | 550 |
| | Janitor, John Lumbert, | 1 Harrison street, | 650 |

GEORGE H. DUNBAR.

Dartmouth street, corner Dunbar street.

| | | | |
|---|---|---|---|
| 4 | M. Eva Schwall, Principal, | 21 Bonney street, | 700 |
| 4 & 3 | Mary V. Perry, Assistant, | 93 Bedford street, | 550 |
| 3 | Mary E. Ferrell, " | 106 High street, | 400 |
| 2 | Angela F. Bowie, " | 111 Dartmouth street, | 550 |
| 2 | Helen G. Malley, " | 218 Fourth street, | 550 |
| 1 | Grace H. Potter, " | 100 Madison street, | 550 |
| 1 | Jane A. Murphy, " | 301 Arnold street, | 550 |
| 1 | Alice J. Lawrence, " | 351 County street, | 550 |
| | Janitor, Thomas C. Holmans. | 66 Cottage street, | 700 |

THOMAS A. GREENE.

Fourth street, corner Madison street.

| | | | |
|---|---|---|---|
| 4 | Annie L. Macreading, Principal, | 33 Bonney street, | 725 |
| 4 & 3 | Bertha C. Hathaway, Assistant, | 269 Arnold street, | 550 |
| 3 | Louise C. Loughlin, " | 9 Lindsey street, | 450 |
| 2 | Nellie E. Ashley, " | 116 South Sixth street, | 550 |
| 2 | Sarah E. Sears, " | 350 County street, | 550 |
| 1 | Caroline E. Bonney, " | 67 Bedford street, | 550 |
| 1 | Mary E. Durfee, " | 151 Grinnell street, | 450 |
| 1 | Bessie M. Harwood, " | 53 North Ash street, | 400 |

KINDERGARTEN DEPARTMENT.

| | | | |
|---|---|---|---|
| | Josephine H. Cobb, " | 72 South Sixth street, | 550 |
| | Ethel S. Gibbs, " | 27 Sycamore street, | 550 |
| | Janitor, Timothy Crowley, | 111 Cedar street, | 700 |

SYLVIA ANN HOWLAND.

Pleasant street, between High and Kempton streets.

| | | | |
|---|---|---|---|
| 4 | Marion H. Swasey, Principal, | 25 So. Emerson street, | 625 |
| 3 | Mary J. Graham, Assistant, | 82 Court street, | 550 |
| 3 | Helen J. Kirk, " | 27 Franklin street, | 550 |
| 2 | Ruth A. Wilde, " | 35 Chestnut street, | 550 |
| 1 | Helen L. Corish, " | 86 Mill street, | 550 |
| | Janitor, Hiram T. Lumbert, | 216 Cedar street, | 700 |

HORATIO A. KEMPTON.

Shawmut avenue, near Maitland street.

| | | | |
|---|---|---|---|
| 4 | Bessie P. Peirce, Principal, | 97 Willis street, | 650 |
| 3 | Edith M. B. Taber, Assistant, | 82 Walden street, | 550 |
| 3 & 2 | Amelia A. Murray, " | 319 Park street, | 500 |
| 2 | Alice E. Jenney, " | 43 Locust street, | 550 |
| 1 | Charlotte G. Tourtelotte, " | 65 Walden street, | 500 |
| 1 | Clara L. Bennett, " | 17 Lincoln street, | 550 |
| | Janitor, Edward I. Lawrence, | 49 So. Emerson street, | 700 |

MERRIMAC STREET.

Merrimac street, corner State street.

| | | | |
|---|---|---|---|
| 1 | Harriet S. Damon, Principal, | 223 Pleasant street, | 650 |
| 1 & 2 | Margaret T. Kane, Assistant, | 530 Cottage street, | 500 |
| 2 | Mary F. McIntyre, " | 69 Willis street, | 500 |
| 3 & 4 | Adelaide West, " | 232 Pleasant street, | 550 |
| 3 | Anna I. Dexter, " | 11 Franklin street, (absent on leave) | 550 |
| 3 | Florence E. Moore, " | 427 Pleasant street, (supply teacher) | 400 |
| 4 | Julia A. Ellis, " | 216 Summer street, | 550 |
| | Janitor, Edward H. Field, | 286 Pleasant street, | 600 |

PHILLIPS AVENUE.

Phillips avenue, corner Bowditch street.

| | | | |
|---|---|---|---|
| 4 | Carrie E. Footman, Principal, | 131 Elm street, | 675 |
| 4 | Edith W. Pratt, Assistant, | 19 Seventh street, | 500 |
| 3 | Mary E. Peckham, " | 271 Union street, | 550 |
| 2 | Edith A. Austin, " | 232 Pleasant street, | 500 |
| 2 & 1 | Grace B. Gardner, " | Fairhaven, Mass., | 500 |
| 1 | Alice B. Church, " | 68 Forest street, | 450 |
| 1 | Helen I. Boyd, " | 216 Middle street, | 550 |
| | Janitor, John H. Rudge, | 131 Merrimac street, | 700 |

THOMPSON STREET.

Thompson street, corner Crapo street.

| | | | |
|---|---|---|---|
| 4 | Lila D. Hayne, Principal, | Fairhaven, Mass., | 700 |
| 4 | Annie B. Lyon, Assistant, | 13 Allen street, | 550 |
| 3 | Florence A. Howland, " | 13 Allen street, | 550 |
| 3 | Catherine A. McGuinness, " | 48 Rockland street, | 500 |
| 2 | Emily W. Davis, " | 63 Bay street, | 550 |
| 2 | Bertha E. Jenney, " | 25 Arch street, | 550 |
| 1 | Annie R. Keith, " | 57 Bay street, | 400 |
| 1 | Bessie M. Noland, " | Fairhaven, Mass., | 400 |
| 1 | Mary E. Cunningham, " | 131 South Second street, | 450 |
| 1 | Sarah A. Winslow, " | 315 County street, | 550 |
| | Janitor, James T. Heron, | 87 Washington street, | 700 |

MARY B. WHITE.

Maxfield street, corner Pleasant street.

| | | | |
|---|---|---|---|
| 4 | Mary E. Pasho, Principal, (absent on leave) | 169 Grinnell street, | 600 |
| 4 | Mary E. Goggin, Assistant, (supply teacher) | 587 Acushnet avenue, | 450 |
| 3 | Clara C. M. Gage, " | 46 Summer street, | 550 |
| 2 | Annie E. Pearce, Acting Principal, | 47 Locust street, | 550 |
| 1 | Margaret H. Holmes, Assistant, | 661 County street, | 550 |
| | Janitor, William J. Cochrane, | 189 North street, | 550 |

SOUTH MILL SCHOOL.

Meaney's Hall, corner South Water and Division streets.

| | | |
|---|---|---|
| Lucy J. Remington, Principal, | 67 Fifth street, | 620 |
| Ruby M. Tripp, Assistant, | 71 Willis street, | 550 |
| Janitor, William Clark, | 36 Acushnet avenue, | 600 |

## COUNTRY SCHOOLS.

ACUSHNET.

Acushnet avenue, near Lund's Corner.

| | | | |
|---|---|---|---|
| 9 & 8 | Annie C. Maxfield, Principal, | 75 Madison street, | 900 |
| 7 & 6 | Sarah A. Russ, Assistant, | 75 Madison street, | 600 |
| 5, 4 & 3 | Naomi A. Turner, " | 18 Seventh street, | 550 |
| 2 & 1 | Harriet N. Hyatt, " | Tarkiln Hill road, | 550 |
| | Janitor, George W. Dexter, | Acushnet, | 450 |

NORTH.

County Road.

| | | |
|---|---|---|
| Mary I. Ashley, Principal, | Clifford, Mass., | 600 |
| Janitor Harry O. White, | Clifford, Mass., | 150 |

PLAINVILLE.

Plainville Road.

| | | |
|---|---|---|
| Eudora Lawrence, Principal, | Shawmut, Mass., | 600 |
| Janitor, Philip S. Hatch, | Shawmut, Mass., | 75 |

ROCKDALE.

Hathaway road, near Rockdale avenue.

| | | |
|---|---|---|
| Lizzie M. Fisher, Principal, | 18 Seventh street. | 600 |
| Alice P. Terry, Assistant, | Hathaway road. | 500 |
| Janitor, Harry O. Casey, | Hathaway road. | 120 |

## SPECIAL TEACHERS.

DRAWING.

| | | |
|---|---|---|
| Lucy C. Bedlow, | 20 Seventh street, | 1,200 |

COOKING.

| | | |
|---|---|---|
| S. Agnes Donham, | 169 Middle street, | 800 |

FRENCH.

| | | |
|---|---|---|
| Lois A. Leonard, | 3 Maple street, | 600 |

SEWING.

| | | |
|---|---|---|
| Lena M. Willis, Principal, | 64 Russell street, | 600 |
| Gertrude H. Leonard, Assistant, | 23 Seventh street, | 525 |
| Harriet S. Phillips, " | 69 Fifth street, | 525 |
| Dora D. Parker, " | 133 Chestnut street, | 500 |

SINGING.

| | | |
|---|---|---|
| Fred H. Butterfield, | 140 Summer street, | 1,900 |

MANUAL TRAINING.

| | | |
|---|---|---|
| Edwin R. King, | 95 Walden street, | 1,600 |

PERMANENT SUBSTITUTES.

| | | |
|---|---|---|
| Janet Hunter, | 55 North Sixth street, | 450 |
| Mary A. Livesey, | 123 Campbell street, | 450 |

EVENING DRAWING SCHOOL.

In the Textile School Building.

| | | Per Night. |
|---|---|---|
| George H. Nye, Principal, | 323 Cottage street, | $4.50 |
| Lena M. Newcastle, Assistant, | 35 Eighth street, | 3.00 |
| Fred M. Reed, " | 117 Fourth street, | 3.00 |
| Oliver H. Gardner, " | 48 North street, | 3.00 |

EVENING HIGH SCHOOL.

In the High School Building.

| | | Per Night |
|---|---|---|
| William E. Sargent, Principal, | 396 Union street, | $5.00 |
| Robert M. Brown, Assistant, | 35 Eighth street, | 3.50 |
| Charles T. Bonney, Jr., " | 343 So. Orchard street, | 3.50 |
| Edwin H. Harris, " | 8 Park place, | 3.50 |
| Clara E. Sherman, " | 248 County street, | 2.00 |
| Rudolph Lucas, " | 296 Kempton street, | 2.00 |
| Isabel S. Horr, " | 100 State street, | 1.00 |
| Janitor, Phylander Chace, | 303 County street, | 2.00 |

## EVENING ELEMENTARY SCHOOLS.

JOHN HENRY CLIFFORD SCHOOL.

Coggeshall street, corner Bowditch street.

| | | Per Night. |
|---|---|---|
| Edward B. Gray, Principal, | | $3.50 |
| Carolyn S. Jones, | Assistant, | 1.50 |
| Mary F. Gibbons, | " | 1.50 |
| Sylvia W. Paulding, | " | 1.50 |
| Florence A. Howland, | " | 1.50 |
| Rachel M. Wordell, | " | 1.50 |
| Alice Kelleher, | " | 1.50 |
| Elizabeth A. Dunn, | " | 1.50 |

| | | |
|---|---|---|
| Mary E. Herlihy, | Assistant, | 1.50 |
| Amelia A. Murray, | " | 1.50 |
| Susan Gifford, | " | 1.50 |
| Catherine A. McGuinness, | " | 1.50 |
| Mary E. Gleason, | " | 1.60 |
| Mary G. LaPlante, | " | 1.50 |
| Katherine E. Kenyon, | " | 1.50 |
| Edith A. Austin, | " | 1.50 |
| Gertrude L. Corish, | " | 1.50 |
| Jennie T. Bolles, | " | 1.50 |
| Lizzie M. Fisher, | " | 1.50 |
| Susan D. Hinds, | " | 1.50 |
| Mary I. McCormick, | " | 1.50 |
| Sarah F. Pratt, | " | 1.50 |
| Annie B. Lyon, | " | 1.50 |
| Elsie P. Bates, | " | 1.50 |
| Edith W. Pratt, | " | 1.50 |
| Mary E. Boardman, | " | 1.50 |
| Janitor, William Woolfenden, | | 2.00 |

FIFTH STREET.

Fifth street, corner of Russell street.

| | | Per Night. |
|---|---|---|
| Elwyn G. Campbell, | Principal, | $3.50 |
| Helen McCoy, | Assistant, | 1.50 |
| Julia C. Gifford, | " | 1.50 |
| Etta M. Abbott, | " | 1.50 |
| Florence E. Moore, | " | 1.50 |
| Ruth M. Tripp, | " | 1.50 |
| Sarah Peckham, | " | 1.50 |
| Kate Moore, | " | 1.50 |
| Julia M. Pilling, | " | 1.50 |
| Jennie E. Fuller, | " | 1.50 |
| Caroline E. Bonney, | " | 1.50 |
| Mary R. Dalton, | " | 1.50 |
| Annie C. Hart, | " | 1.50 |
| Mary E. Cunningham, | " | 1.50 |
| Anna H. Bartlett, | " | 1.50 |
| Janitor, Henry T. Phillips, 303 County street, | | 2.00 |

PARKER STREET.

Parker street, near County.

| | | Per Night. |
|---|---|---|
| Mary A. Kane, | Principal, | $3.50 |
| Rose M. Meaney, | Assistant, | 1.50 |
| Sara L. Tallman, | " | 1.50 |
| Harriet J. Thorp, | " | 1.50 |
| Margaret H. Holmes, | " | 1.50 |
| Ruby M. Tripp, | " | 1.50 |
| Mary F. McIntyre, | " | 1.50 |
| Minnie H. Smythe, | " | 1.50 |
| Lizzie E. Frasier, | " | 1.50 |
| Naomi A. Turner, | " | 1.50 |
| Janitor, John H. Murphy, 184 Ashland street, | | 1.50 |

ROBERT C. INGRAHAM SCHOOL.

Rivet street, between Acushnet avenue and Second street.

| | | Per Night. |
|---|---|---|
| Joseph P. Kennedy, | Principal, | $350 |
| Marie Clifford, | Assistant, | 1.50 |
| Kate K. Whelden, | " | 1.50 |
| Emma L. Gartland, | " | 1.50 |
| Annie F. Smith, | " | 1.50 |
| Helen G. Malley, | " | 1.50 |
| Esther L. Karcher, | " | 1.50 |
| Mary B. Jason, | " | 1.50 |
| Mary V. Perry, | " | 1.50 |
| Cecelia A. Deane, | " | 1.50 |
| Mary E. Holden, | " | 1.50 |
| Mary E. Goggin, | " | 1.50 |
| Mary E. Bumpus, | " | 1.50 |
| Anna R. Keith, | " | 1.50 |
| Helen F. Murphy, | " | 1.50 |
| Mary F. Livingston, | " | 1.50 |
| Ida M. Healey, | " | 1.50 |
| Ethel Pollard, | " | 1.50 |
| Grace B. Gardner, | " | 1.50 |
| John Sylvia, | " | 2.00 |
| May Johnson, | " | 1.50 |
| Mary E. Peckham, | " | 1.50 |
| Janitor, Dennis J. McAuliffe, 17 Bonney street, | | 2.00 |

PHILLIPS AVENUE.

Phillips avenue, corner Bowditch street.

| | | Per Night. |
|---|---|---|
| Eliza G. M. Jenney, | Principal, | $3.00 |
| Nellie L. Foster, | Assistant, | 1.50 |
| Sarah E. Howard, | " | 1.50 |
| Annie C. Maxfield, | " | 1.50 |
| Helen T. Maxfield, | " | 1.50 |
| Sara A. Russ, | " | 1.50 |
| Emma M. Davis, | " | 1.50 |
| Ada S. Blake, | " | 1.50 |
| Janitor, John H. Rudge, 131 Merrimac street, | | 1.50 |

# SCHOOL DISTRICT LINES.

## High School.

The High School district includes the whole city.

## Harrington.

### PRIMARY LINES.

North Line—Beginning at Cottage street, the center of Kempton street to Park street; center of Park street to Mill street; center of Mill street to Florence street; center of Florence street to Court street; center of Court street to Dartmouth line.

East Line—Beginning at Kempton street, the center of Cottage street to Court street; center of Court street to County street; center of County street to Hawthorn street.

South Line—Beginning at County street, the center of Hawthorn street to Ash street; center of Ash street to Allen street; center of Allen street to Dartmouth line.

West Line—Dartmouth line from Allen street to Court street.

### GRAMMAR LINES.

North Line—Beginning at Chancery street, the center of Kempton street to the city limit.

East Line—Beginning at Kempton street, the center of Chancery street to Hawthorn street.

South Line—Beginning at Chancery street, the center of Hawthorn street to the city limit.

West Line—Dartmouth line from Hawthorn street to Kempton street.

## William H. Taylor.

### PRIMARY LINES.

North Line—Beginning at water front, center of Cove street to West French avenue; center of West French avenue to Cove road; center of Cove road to County street.

East Line—Water front from Cove street south to city limit.

South Line—Water front.

West Line—Water front to County street.

GRAMMAR LINES.

North Line—Beginning at water front, the center of Cove street to County street; center of County street to water front.

East Line—Water front, from Cove street south to city limit.

South Line—Water front.

West Line—Water front to County street.

## John Henry Clifford.

North Line—Beginning at water front, the center of Shaw street to a point on Shawmut avenue where Shaw street would strike it if extended.

East Line—Water front from Shaw street to Wamsutta street.

South Line—Beginning at the water front, the center of Wamsutta street to the railroad track; the railroad track to Weld street; center of Weld street to Mt. Pleasant street; center of Mt. Pleasant street to Mt. Vernon street; center of Mt. Vernon street to Shawmut avenue.

West line—Beginning at Mt. Vernon street, the center of Shawmut avenue to Shaw street.

## Fifth Street.

North Line—Beginning at the water front, the center of Commercial street to Water street; center of Water street to Spring street; center of Spring street to County street; center of County street to Arnold street; center of Arnold street to Cottage street; center of Cottage street to Hawthorn street; center of Hawthorn street to city limit.

East Line—Water front from Commercial street to Grinnell street.

South Line—Beginning at Water front, the center of Grinnell street to Dartmouth street; center of Dartmouth street to Cemetery line; along the Cemetery line to Rockdale avenue; center of Rockdale avenue to Allen street; center of Allen street to the city limit.

West Line—Dartmouth line from Hawthorn street to Allen street.

## Robert C. Ingraham.

North Line—Beginning at water front, the center of Grinnell street to Dartmouth street; center of Dartmouth street to Cemetery line; along the Cemetery line to Rockdale avenue; center of Rock-

dale avenue to Allen street; center of Allen street to city limit.

East Line—Water front from Grinnell street to Cove street.

South Line—Beginning at water front, the center of Cove street to County street; center of County street to water front; beginning at water front, south side of Cove road to city limit.

*Note.* This south line determines the boundary between the Robert C. Ingraham school and the William H. Taylor school for the fifth, sixth and seventh grades. All pupils in the eight and ninth grades living south of the center of Grinnell street attend the Robert C. Ingraham school.

West Line—Dartmouth line from Cove road to Allen street.

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## Middle Street.

North Line—Beginning at the water front, the center of North street to Ash street; center of Ash street to Maxfield street; center of Maxfield street to Rockdale avenue; center of Rockdale avenue to Milton street; center of Milton street to city limit.

East Line—City limit.

South Line—Beginning at the water front, the center of Commercial street to Water street; center of Water street to Spring street; center of Spring street to County street; center of County street to Arnold street; center of Arnold street to Cottage street; center of Cottage street to Hawthorn; center of Hawthorn street to city limit.

West Line—Dartmouth line from Hawthorn street to a point where Milton street would strike it if extended.

*Note.* These boundaries represent the district for all grammar grades between the Parker Street school district on the north and the Fifth Street school district on the south, with the exception of the district assigned to the fifth and sixth grades in the Harrington Training school. (See Harrington school district lines.)

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## Parker Street.

North Line—Beginning at the railroad track, the center of Weld street to Mt. Pleasant street; center of Mt. Pleasant street to Mt. Vernon street; center of Mt. Vernon street to Shawmut avenue; center of Shawmut avenue to Grand street; center of Grand street to the city limit.

East Line—Beginning at the center of Weld street, the railroad track to the center of Wamsutta street; center of Wamsutta street to the water front; the water front to the center of North street.

South Line—Beginning at the water front, the center of North street to Ash street; center of Ash street to Maxfield street; center of Maxfield street to Rockdale avenue; center of Rockdale avenue to Milton street; center of Milton street to city limit.

West Line—The Dartmouth line from a point where Milton street would strike it if extended to a point where Grand street would strike it if extended.

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## Acushnet Avenue.

North Line—Beginning at water front, the center of Howland street to Acushnet avenue; center of Acushnet avenue to Wing street; center of Wing street to County street.

East Line—Water front from Howland street to Rockland street.

South Line—Beginning at water front, the center of Rockland street to County street.

West Line—Center of County street from Rockland street to Wing street.

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## I. W. Benjamin.

North Line—Beginning at water front, the center of Rivet street to Crapo street.

East Line—Water front from Rivet street to Cove street.

South Line—Beginning at water front, the center of Cove street to West French avenue; center of West French avenue to Cove road; center of Cove road to Crapo street.

West Line—Center of Crapo street from Cove road to Rivet street.

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## Cannonville.

North Line—Beginning at Lindsey street, both sides of Parker street to Rockdale avenue; center of Rockdale avenue to Grand street; center of Grand street to a point on Dartmouth line where Grand street would strike it if extended.

East Line—Beginning at Parker street, the center of Lindsey street to Mill street; center of Mill street to Florence street; center of Florence street to Court street.

South Line—Beginning at Florence street, the center of Court street to Dartmouth line.

West Line—Dartmouth line from Court street to a point where Grand street would strike it if extended.

## Cedar Street.

North Line—Beginning at Chestnut street, the center of Willis street to Oak Grove cemetery; east line of cemetery to Parker street; south side of Parker street, not including Parker street, to a point where Lindsey street would strike Parker street if extended.

East Line—Center of Chestnut street from Willis street to Kempton street.

South Line—Beginning at Chestnut street, the center of Kempton street to Park street; center of Park street to Mill street; center of Mill street to Lindsey street.

West Line—Beginning at Mill street, the centre of Lindsey street to a point on Parker street where Lindsey street would strike it if extended.

## Cedar Grove Street.

North Line—Beginning at the water front, the center of Holly street to the railroad track.

East Line—Water front from Holly street to a point just north of Maxfield street.

South Line—None.

West Line—Railroad track from a point just north of Maxfield street to Holly street.

## Clark Street.

North Line—Beginning at the railroad track, the center of Shaw street to a point where Shaw street would strike Highland street if both streets were extended.

East Line—Railroad track from Shaw street to Austin street.

South Line—Beginning at the railroad track, the center of Austin street to Cottage street; centre of Cottage street to Durfee street; center of Durfee street to Highland street.

West Line—Beginning at Durfee street, the center of Highland street to a point where Shaw street would strike Highland street if both streets were extended.

## Dartmouth Street.

North Line—Beginning at County street, the center of Hawthorn street to Ash street; center of Ash street to Allen street; center of Allen street to Dartmouth line.

East Line—Beginning at Hawthorn street, the center of County street to Rockland street.

South Line—Beginning at County street, the center of Rockland street to Bolton road; center of Bolton road to Thompson street; center of Thompson street to Dartmouth street; center of Dartmouth street to south line of Rural cemetery; south line of cemetery to Winterville road; center of Winterville road to Dartmouth line.

West Line—Dartmouth line from Winterville road to Allen street.

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## George H. Dunbar.

North Line—Beginning at Crapo street, center of Rivet street to Bolton road; center of Bolton road to Thompson street; center of Thompson street to Dartmouth street; center of Dartmouth street to south line of Rural cemetery; south line of Rural cemetery to Winterville road; center of Winterville road to Dartmouth line.

East Line—Beginning at Rivet street, the center of Crapo street to Cove road.

South Line—Beginning at Crapo street, both sides of Cove road to Dartmouth line.

West Line—Dartmouth line from Cove road to Winterville road.

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## T. A. Greene.

North Line—Beginning at water front, the center of Union street to County street.

East Line—Water front from Union street to Howland street.

South Line—Beginning at Water front, the center of Howland street to Acushnet avenue; center of Acushnet avenue to Wing street; center of Wing street to County street.

West Line—Beginning at Wing street, the center of County street to Union street.

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## Sylvia Ann Howland.

North Line—Beginning at the water front, the center of North street to Chestnut street.

East Line—Water front, from North street to Union street, including city islands.

South Line—Beginning at water front, the center of Union street to County street; center of County street to Court street; center of Court street to Cottage street.

West Line—Beginning at Court street, the Center of Cottage street to Kempton street; center of Kempton street to Chestnut street; center of Chestnut street to North street.

## Horatio A. Kempton.

North Line—Beginning at a point where Highland street would strike Shaw street if both were extended, the center of Shaw street to Shawmut avenue; center of Shawmut avenue to Grand street; center of Grand street to Rockdale avenue.

East Line—Beginning at a point on Hathaway road where Highland street would strike it if extended, the center of Highland street to Durfee street; center of Durfee street to Cottage street; center of Cottage street to Austin street; center of Austin street to a point where Chestnut should strike it if extended; center street to Chestnut street to Willis street.

South Line—Beginning at Chestnut street, the center of Willis street to the Oak Grove cemetery; east line of cemetery to south side of Parker street; both sides Parker street to Rockdale avenue.

West Line—Beginning at Parker street, the center of Rockdale avenue to Grand street.

## Merrimac Street.

North Line—Beginning at the railroad track, the center of Austin street to a point where Chestnut street would strike it if extended.

East Line—Railroad track from Austin street to Pearl street.

South Line—Beginning at the railroad track, the center of Pearl street to County street; center of County street to Willis street; center of Willis street to Chestnut street.

West Line—Beginning at Willis street, the center of Chestnut street to a point on Austin street where Chestnut street would strike it if extended.

## Phillips Avenue.

North Line—Beginning at the water front, the center of Shaw street to a point on the railroad track where Shaw street would strike it if extended.

East Line—Water front from Shaw street to Holly street.

South Line—Beginning at water front, the center of Holly street to the railroad track.

West Line—Railroad track from Holly street to Shaw street.

## Thompson Street.

North Line—Beginning at the water front, the center of Rockland street to Bolton road.

East Line—Water front from Rockland street to Rivet street.

South Line—Beginning at water front, the center of Rivet street to Bolton road.

West Line—Bolton road from Rivet street to Rockland street.

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## Mary B. White.

North Line—Beginning at the railroad track, the center of Pearl street to County street; center of County street to Willis street: center of Willis street to Chestnut street.

East Line—Railroad track from Pearl street to a point just north of Maxfield street; the water front from a point just north of Maxfield street to North street.

South Line—Beginning at water front, the center of North street to Chestnut street.

West Line—Beginning at North street, the center of Chestnut street to Willis street.

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## Acushnet.

*For All Grades Below the Seventh.*

North Line—Beginning at a point on the Acushnet line where Phillips road would strike it if extended, an imaginary line to the railroad track.

East Line—The Acushnet line from the north boundary to Shaw street.

South Line—Beginning at Acushnet line, the center of Shaw street to the railroad track.

West Line—Railroad track from Shaw street to the north boundary.

*For All Grades Above the Sixth.*

North Line—Beginning at the Acushnet line, the Freetown line to the railroad track.

East Line—Beginning at the Freetown line, the Acushnet line to Shaw street.

South Line—Beginning at the Acushnet line, the center of Shaw street to the railroad track.

West Line—Railroad track from Shaw street to the Freetown line.

## North.

*For All Grades Below the Seventh.*

North Line—Beginning at the Acushnet line, the Freetown line to the railroad track.

East Line—Beginning at the Freetown line, the Acushnet line to a point where Phillips road would strike it if extended.

South Line—Beginning at a point on Acushnet line where Phillips road would strike it if extended, an imaginary line to the railroad track.

West Line—Railroad track from the south line to the Freetown line.

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## Plainville.

North Line—Beginning at the railroad track, the Freetown line to Dartmouth line.

East Line—Beginning at the Freetown line, the railroad track to a point where Shaw street would strike it if extended.

South Line—Beginning at the railroad track, the center of Shaw street if extended to Shawmut avenue; center of Shawmut avenue to the railroad track; the railroad track to Dartmouth line.

West Line—Dartmouth line from a point where Shaw street would strike it if extended, to the Freetown line.

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## Rockdale.

North Line—Beginning at Shawmut avenue, the railroad track to the Dartmouth line.

East Line—Beginning at the railroad track, the center of Shawmut avenue to Grand street.

South Line—Beginning at Shawmut avenue, the center of Grand street to a point on Dartmouth line where Grand street would strike it if extended.

West Line—Dartmouth line from Grand street to the railroad track.

# AVERAGE AGE OF PUPILS IN VARIOUS GRADES, JUNE, 1902.

## HIGH SCHOOL.

| Senior | | Sub-Senior | | Junior | | Sub-Junior | | Average Age | |
|---|---|---|---|---|---|---|---|---|---|
| Yrs. | Mos. | Yrs. | Mos. | Yrs. | Mos. | Yrs. | Mos. | Yrs. | Mos. |
| 18 | 4 | 17 | 9 | 17 | | 16 | | 17 | 3 |

## GRAMMAR DEPARTMENT.

| School | Fifth Year | | Sixth Year | | Seventh Year | | Eighth Year | | Ninth Year | | Average Age | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Yrs. | Mos. | Yrs. | Mos. | Yrs. | Mos. | Yrs. | Mos. | Yrs. | Mos. | Yrs. | Mos. |
| Harrington Normal and Training | 11 | 11 | 12 | 6 | | | | | | | | |
| John Henry Clifford | 12 | 2 | 12 | 10 | 13 | 4 | 14 | | 15 | 5 | | |
| Fifth Street, | 11 | 9 | 13 | 5 | 13 | 7 | 14 | 1 | 15 | 6 | | |
| Robert C. Ingraham | 11 | 10 | 13 | 2 | 13 | 5 | 14 | 3 | 15 | 2 | | |
| Middle Street | 11 | 6 | 12 | 6 | 13 | 7 | 14 | 6 | 15 | 3 | | |
| Parker Street | 10 | 10 | 12 | | 13 | 3 | 14 | 3 | 15 | 3 | | |
| Wm. H. Taylor | 11 | 8 | 12 | 3 | 13 | 2 | | | | | | |
| Av. age by grades | 11 | 8 | 12 | 8 | 13 | 4½ | 14 | 2 | 15 | 4 | 13 | 5 |

# AVERAGE AGE OF PUPILS IN VARIOUS GRADES.

## PRIMARY DEPARTMENT.

| School | First Year | | Second Year | | Third Year | | Fourth Year | | Average Age | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Yrs. | Mos. | Yrs. | Mos. | Yrs. | Mos. | Yrs. | Mos. | Yrs. | Mos. |
| Acushnet avenue | 7 | 11 | 9 | 10 | 10 | 2 | 11 | 5 | | |
| I. W. Benjamin | 7 | 4 | 9 | 1 | 10 | 1 | 11 | 1 | | |
| Cannonville | 6 | 10 | 8 | 10 | 8 | 11 | 10 | 7 | | |
| Cedar street | 7 | 6 | 8 | 9 | 9 | 1 | 10 | 5 | | |
| Cedar Grove street | 7 | 6 | 9 | 5 | 11 | 11 | 12 | 6 | | |
| Clark street | 7 | 5 | 8 | 5 | 10 | | 10 | 10 | | |
| John Henry Clifford | | | | | | | 11 | 3 | | |
| Dartmouth street | 6 | 9 | 8 | 1 | 9 | 6 | 10 | 2 | | |
| George H. Dunbar | 7 | 8 | 8 | 11 | 10 | 5 | 11 | 1 | | |
| Thomas A. Greene | 7 | 6 | 8 | 9 | 9 | 11 | 11 | | | |
| Sylvia Ann Howland | 6 | 8 | 8 | 3 | 9 | 4 | 11 | | | |
| Horatio A. Kempton | 6 | 9 | 8 | 2 | 9 | 4 | 11 | 3 | | |
| Merrimac street | 7 | 8 | 8 | 1 | 10 | 9 | 11 | 5 | | |
| Phillips avenue | 7 | 6 | 8 | 11 | 9 | 5 | 11 | 7 | | |
| Wm. H. Taylor | 7 | 4 | 8 | 9 | 10 | 2 | 10 | 7 | | |
| Thompson street | 7 | | 8 | 7 | 11 | 1 | 11 | 3 | | |
| Mary B. White | 7 | 1 | 8 | 1 | 10 | 1 | 10 | 3 | | |
| Harrington Normal and Training | 6 | 10 | 8 | 3 | 9 | | 11 | 1 | | |
| Av. age by grades | 7 | 3 | 8 | 7 | 9 | 10 | 11 | 8 | 9 | 4 |

## UNGRADED SCHOOLS.

| School | Grammar Department | | Primary Department | | Average Age | |
|---|---|---|---|---|---|---|
| | Yrs. | Mos. | Yrs. | Mos. | Yrs. | Mos. |
| Acushnet | 13 | 7 | 9 | 6 | | |
| North | 12 | 3 | 8 | 4 | | |
| Plainville | 11 | 9 | 8 | 4 | | |
| Rockdale | 13 | 2 | 9 | 2 | | |
| South Mill | 13 | 6 | 13 | 6 | | |
| Average age by departments | 12 | 10 | 9 | 9 | 11 | 3 |

## KINDERGARTENS.

| School | Yrs. | Mos. |
|---|---|---|
| Cedar street | 5 | |
| Cedar Grove street | 5 | 5 |
| Thomas A. Greene | 5 | 2 |
| Average age | 5 | 2 |

# NEW BEDFORD PUBLIC SCHOOLS.

## RATES OF TUITION FOR NON-RESIDENT PUPILS FOR SUMMER AND FALL TERM 1903, WINTER TERM 1904.

| | Summer Term 1903 | Fall Term 1903 | Winter Term 1904 | For the Year |
|---|---|---|---|---|
| High School | $18.80 | $21.92 | $20.36 | $61.08 |
| Grammar School | 8.91 | 10.39 | 9.65 | 28.95 |
| Primary School | 6.47 | 7.55 | 7.00 | 21.02 |
| Normal and Training School | 9.62 | 11.22 | 10.42 | 31.26 |
| Evening Drawing School | | | | 8.42 |

# DEPARTMENT OF PUBLIC SCHOOLS.

## BRIEF DESCRIPTION OF THE SCHOOLHOUSES, WITH THEIR ACCOMMODATIONS AND CONDITIONS.

| Name of School | Location | Material | No. of stories | No. of schoolrooms | No. of assembly halls | No. of sittings | Year completed | Estimated value |
|---|---|---|---|---|---|---|---|---|
| Acushnet avenue | Acushnet av. near Grinnell st. | Brick | 2 | 10 | | 490 | 1878 | $49,966 |
| Acushnet | Lunds Corner, Acushnet | Wood | 2 | 4 | | 152 | 1889 | 7,500 |
| I. W. Benjamin | Division st. | Brick | 3 | 12 | | 634 | 1891 | 33,875 |
| Cedar street | Cor. Cedar and Maxfield sts. | Wood | 2 | 6 | | 295 | 1855 | 7,063 |
| Cedar Grove street | Cedar Grove st. | Brick | 3 | 15 | | 652 | 1883 | 35,932 |
| John H. Clifford | Coggeshall st. | Brick | 3 | 12 | 1 | 428 | 1901 | 75,985 |
| Clark street | Cor. Clark and Myrtle sts. | Brick | 2 | 8 | | 344 | 1897 | 37,847 |
| Cannonville | Rockdale av. | Wood | 2 | 2 | | 82 | 1853 | 1,665 |
| Geo. H. Dunbar | Cor. Dartmouth & Dunbar sts. | Brick | 2 | 8 | | 390 | 1897 | 45,037 |
| Dartmouth street | Cor. Dartmouth & Hickory sts. | Wood | 2 | 8 | | 389 | 1855 | 17,106 |
| Fifth street | Cor. Fifth and Russell sts. | Brick | 3 | 10 | 1 | 490 | 1860 | 35,898 |
| Thomas A. Greene | Cor. Fourth and Madison sts. | Brick | 2 | 10 | | 379 | 1894 | 66,089 |
| High | Summer, between Mill and North sts. | Brick | 3 | 10 | 1 | 477 | 1876 | 113,388 |
| Harrington Memorial | Cor. Court and Tremont sts. | Brick | 3 | 10 | 1 | 441 | 1889 | 55,000 |
| Sylvia Ann Howland | Pleasant, cor. Kempton sts. | Brick | 3 | 7 | | 245 | 1893 | 65,100 |
| Robert C. Ingraham | Rivet st. bet. Acushnet av. and Second st. | Brick | 3 | 12 | 1 | 629 | 1901 | 81,352 |
| Horatio A. Kempton | Shawmut av. near Maitland st. | Brick | 2 | 8 | | 389 | 1901 | 41,394 |
| Linden street | Linden st. | Wood | 2 | 4 | | | | 2,684 |
| Middle street | Cor. Middle and Summer sts. | Brick | 3 | 9 | 1 | 452 | 1844 | 35,035 |
| Merrimac street | Cor. Merrimac and State sts. | Brick | 2 | 6 | | 361 | 1857 | 18,113 |
| North | County road | Wood | 1 | 2 | | 63 | 1852 | 2,000 |
| Parker street | Parker, near County st. | Brick | 3 | 12 | 1 | 694 | 1852 | 50,226 |
| Phillips avenue | Cor. Phillips av. and Bow-ditch st. | Brick | 2 | 8 | | 329 | 1897 | 47,561 |
| Plainville | Plainville road | Wood | 1 | 1 | | 28 | 1846 | 1,000 |
| Rockdale | Hathaway road | Wood | 1 | 2 | | 59 | 1855 | 1,254 |
| Thompson street | Cor. Thompson and Crapo sts. | Brick | 3 | 10 | | 486 | 1885 | 37,800 |
| Wm. H. Taylor | Brock av. | Brick | 2 | 8 | | 340 | 1898 | 44,977 |
| Mary B. White | Cor. Pleasant and Maxfield sts. | Brick | 2 | 4 | | 199 | 1881 | 25,068 |

Number of pupils who have left the High school during the school year 1901–1902:

| | Boys | Girls |
|---|---|---|
| Seniors | 1 | 0 |
| Sub-Seniors | 7 | 5 |
| Juniors | 16 | 12 |
| Sub-Juniors | 13 | 20 |
| | 37 | 37 |

Causes for leaving:

| | Boys | Girls |
|---|---|---|
| Illness | 4 | 9 |
| Moved from the city | 3 | 5 |
| At work | 8 | 4 |
| Not promoted | 8 | 6 |
| Neglect of school work | 9 | 9 |
| Went to private school | 5 | 4 |
| | 37 | 37 |

Pupils entering the High school in Sept., 1902:

| | Boys | Girls | Total |
|---|---|---|---|
| From New Bedford Public schools | 66 | 81 | 147 |
| From other schools | 10 | 15 | 25 |
| | 76 | 96 | 172 |

Post graduates in the High school, Sept., 1902:

| | Boys | Girls |
|---|---|---|
| September to January | 0 | 11 |

| | 1902–1903 Commercial Course | | | General Course | | | College Course, without Greek | | | College Course, with Greek | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Boys | Girls | Total | Boys | Girls | Total | Boys | Girls | Total | Boys | Girls | Total |
| Seniors | | | | 1 | 26 | 27 | 15 | 14 | 29 | 5 | 3 | 8 |
| Sub-Seniors | 21 | 12 | 33 | 9 | 15 | 24 | 8 | 12 | 20 | 6 | 3 | 9 |
| Juniors | 16 | 25 | 41 | 15 | 42 | 57 | 12 | 16 | 28 | 5 | 5 | 10 |
| Sub-Juniors | 43 | 37 | 80 | 16 | 54 | 70 | 28 | 15 | 43 | | | |
| | 80 | 74 | 154 | 41 | 137 | 178 | 63 | 57 | 120 | 16 | 11 | 27 |

Total enrollment:

| | |
|---|---|
| Post Graduates | 11 |
| Commercial Course | 154 |
| General Course | 178 |
| College without Greek | 120 |
| College Course with Greek | 27 |
| Total | 490 |

Number of pupils who have left the High school during the school year 1901–1902:

| | 1901 Sept. to Jan. | | | 1902 Jan. to June | | | 1901–1902 Sept to June | | |
|---|---|---|---|---|---|---|---|---|---|
| | Boys | Girls | Total | Boys | Girls | Total | Boys | Girls | Total |
| Seniors | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 |
| Sub-Seniors | 5 | 2 | 7 | 2 | 3 | 5 | 7 | 5 | 12 |
| Juniors | 5 | 3 | 8 | 11 | 9 | 20 | 16 | 12 | 28 |
| Sub-Juniors | 3 | 9 | 12 | 10 | 11 | 21 | 13 | 20 | 33 |
| | 13 | 14 | 27 | 24 | 23 | 47 | 37 | 37 | 74 |

Graduates of 1902 who have passed examination for the following named colleges and schools:

| | Boys | Girls |
|---|---|---|
| School of Technology | 3 | |
| Weslyan University | 1 | |
| Amherst College | 1 | |
| Friend's School, Providence | 1 | |
| Simmons College, Boston | | 1 |
| Brown University | | 1 |
| Normal Art School, Boston | | 1 |
| Bridgewater Normal School | | 2 |
| Hyannis Normal School | | 1 |
| Harrington Training (entered Jan., 1903) | | 16 |
| Pittsfield Academy, Pittsfield | | 1 |
| | 6 | 23 |

The above are all pursuing advanced courses in the above named institutions.

# APPROVED LIST OF TEXT-BOOKS TO BE USED IN THE HIGH SCHOOL.

## SCIENCE.

| | |
|---|---|
| Allen's Laboratory Manual. | Henry Holt & Co. |
| Atkinson's Lessons in Botany. | Henry Holt & Co. |
| Avery's Natural Philosophy. | |
| Avery's School Physics. | |
| Harvard College Elementary Physics. | |
| Gifford's Elementary Physics. | Thompson, Brown & Co. |
| Mill's Realm of Nature. | |
| Overton's Applied Physiology. | American Book Co. |
| Packard's Zoology. | |
| Pierce's Problem's in Physics. | |
| Remsen's Chemistry. | |
| Stone's Experimental Physics. | |
| Youman's Botany. | American Book Co. |

## GEOGRAPHY.

| | |
|---|---|
| Tarr's Physical's Geography. | Macmillan & Co. |
| Tilden's Commercial Geography. | |

## PHYSIOLOGY AND HYGIENE.

Hutchison's Physiology and Hygiene.

## MATHEMATICS.

| | |
|---|---|
| Atwood's Exercises in Algebra. | Morse Co. |
| Harvard University Syllabus of Propositions in Geometry. | |
| Packard's New Commercial Arithmetic. | S. S. Packard, N. Y. |
| Well's Academic Arithmetic. | |
| Wentworth's School Algebra. | Ginn & Co. |
| Wentworth's School Algebra, revised. | Ginn & Co. |
| Wentworth's College Algebra. | Ginn & Co. |
| Wentworth's Plane Geometry, revised. | Ginn & Co. |
| Wentworth's Trigonometry. | Ginn & Co. |

## BOOKKEEPING AND STENOGRAPHY.

Barnes' Shorthand Manual.
Ellis' Actual Guide to Business Practice.
Harper's Our Own Typewriter Instructor.
Hill's Commercial Law.
Meservey's Bookkeeping. Thompson, Brown & Co.
Munson's Art of Phonography. G. P. Putnam & Sons.
Munson's Universal Dictation Course.
Williams & Rogers' New Complete Bookkeeping.

## MUSIC.

Beacon Song Collection.

## HISTORY.

Allen's Short History of the Roman People.
Ginn & Co.
Barnes' History of Ancient Peoples. American Book Co.
Botsford's History of Greece. MacMillan & Co.
Botsford's History of Rome. MacMillan & Co.
Fiske's Civil Government. Houghton, Mifflin & Co.
Fiske's History of the United States. Houghton, Mifflin & Co.
Lancaster's History of England.
Larned's English History. Houghton, Mifflin & Co.
Montgomery's Facts in English History.
Myers's History of Greece. Ginn & Co.
Swinton's Outlines of World's History.

## ENGLISH.

Addison's The Sir Roger de Coverly Papers.
Thomas R. Shewell & Co.
Brooks' English Literature. American Book Co.
Bryant's Thanatopsis and Others. English Classic Series.
Buehler's Practical Exercises in English Composition.
Harper Bros.
Burke's American Taxation. Maynard, Merrill & Co.
Burke's Conciliation with American Colonies.
Maynard, Merrill & Co.
Byron's Child Harold. Houghton, Mifflin & Co.
Carlyle & Hawthorne's Legends of the Province House, etc.
(Modern Classic Series).

Carlyle's Essay on Burns. Houghton, Mifflin & Co.
Chaucer's Prologue to the Canterbury Tales.
Church's Stories from the Iliad.
Church's Stories from Virgil.
Coleridge's The Ancient Mariner. American Book Co.
Cooper's Last of the Mohicans. Houghton, Mifflin & Co.
DeFoe's The Plague Year. Ginn & Co.
DeQuincey's Revolt of the Tartars. American Book Co.
Dowden's Shakespeare. American Book Co.
Dryden's Palamon and Arcite. American Book Co.
Emerson's Select Essays and Poems.
Eliot's Silas Marner. Houghton, Mifflin & Co.
Franklin's Autobiography. Houghton, Mifflin & Co.
Goldsmith's The Traveller and Deserted Village.
Houghton, Mifflin & Co.
Goldsmith's Vicar of Wakefield (small). Houghton, Mifflin & Co.
Goldsmith's Vicar of Wakefield (large). Houghton, Mifflin & Co.
Hawthorne's House of Seven Gables.
Hill's Foundation of Rhetoric. American Book Co.
Holmes' The Chambered Nautilus.
Irving's Sketch Book. Ginn & Co.
Lewis' A First Book in Writing English.
Lockwood & Emerson's Composition and Rhetoric.
Ginn & Co.
Longfellow's Evangeline. (Modern Classics Series).
Longfellow's Tales of a Wayside Inn. Houghton, Mifflin & Co.
Lowell's My Garden Acquaintance. Houghton, Mifflin & Co.
Lowell's The Vision of Sir Launfal. Houghton, Mifflin & Co.
Macaulay's Essay on Lord Clive. American Book Co.
Macaulay's Second Essay on the Earl of Chatham.
American Book Co.
Macaulay's Essays on Milton and Addison. Ginn & Co.
Macaulay's Lays of Ancient Rome. Houghton, Mifflin & Co.
Milton's L'Allegro, Il Penseroso, Comus and Lycidas.
Houghton, Mifflin & Co.
Milton's Paradise Lost, Book I. Sprague.
Palgrave's Golden Treasury.
Palmer's Translation of Homer's Odyssey. Houghton, Mifflin & Co.
Pancoast's Introduction to American Literature.
Pope's Iliad, Books I, VI, XXII, XXIV. Houghton, Mifflin & Co.
Scott's Ivanhoe. Houghton, Mifflin & Co.
Scott's Kenilworth.
Scott's Lady of the Lake. Houghton, Mifflin & Co.

Scott's Quentin Durward. Ginn & Co.
Scott's Rob Roy. Ginn & Co.
Scott's Lay of the Last Minstrel. Houghton, Mifflin & Co.
Shakespeare's A Midsummer Night's Dream. American Book Co.
Shakespeare's As You Like It, and Julius Cæsar, Vol. I. (Hudson edition). Ginn & Co.
Shakespeare's Hamlet. (Hudson notes). Ginn & Co.
Shakespeare's Macbeth, Eclectric English Classics. American Book Co.
Shakespeare's Merchant of Venice. (Hudson edition). Ginn & Co.
Shakespeare's Richard III. American Book Co.
Southey's Life of Nelson. American Book Co.
Southworth and Goddard's Elements of English Grammar.
Spencer's Faerie Queen. (First Canto).
Swift's Gulliver's Travels. (Selections). Houghton, Mifflin & Co.
Tennyson's Elaine.
Tennyson's Guinevere.
Tennyson's The Coming and Passing of Arthur.
Tennyson's The Holy Grail.
Tennyson's The Princess. Houghton, Mifflin & Co.
Thackeray's Vanity Fair.
Underwood's American Authors.
Underwood's British Authors.
Webster's First Bunker Hill Oration. Ginn & Co.
Whitney-Lockwood's English Grammar. Ginn & Co.
Wordsworth's The Excursion and Ode to Immortality.

## GERMAN.

Boisen's German Prose. D. C. Heath & Co.
Chamisso. Peter Schlemil's Wundersame Geschichte.
Eichendorf's Aus dem Leben Eines Taugenichts. D. C. Heath & Co.
Freytag. Aus dem Staat Friedrich's des Grossen.
Goethe's Hermann and Dorothea.
Goethe's Dichtung und Wahrheit.
Grimm's Hans Marchen.
Harris' German Composition. D. C. Heath & Co.
Harris' German Lessons.
Heine's Die Harzreise.
Heath's German and English Dictionary. D. C. Heath & Co.

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| Hewett's German Reader. | MacMillan & Co |
| Joynes' Meissners' German Grammar. | D. C. Heath & Co. |
| Otto's German Grammar. | |
| Lessing's Mina von Barnhelm. | |
| Riehl's Der Fluch der Schonheit. | |
| Schiller's Wilhelm Tell, Das Glied von der Glocke. | |
| Stein's German Composition. | |
| Von Hillern's Höher als die Kirche. | D. C. Heath & Co. |
| Wenckebach's Deutscher Anschauungs Unterricht. | |
| Wenckebach's Deutsche Grammatik. | |
| Wenckebach's Lyrics and Ballads, Die Schonstein Deutschen. | |
| Lieder. | Henry Holt & Co. |

GREEK.

| | |
|---|---|
| Autenrieth's Homeric Lexicon. | |
| Goodwin's Greek Grammar. | Ginn & Co. |
| Goodwin's Xenophon and Herodotus. | |
| Harper's Xenophon's Anabasis (for "Xenophon at Sight"). | |
| Jones's Greek Prose Composition. | |
| Manatt's Xenophone's Hellenica, Books I-IV. | |
| Perrin's Homer's Odyssey (for "Homer at Sight"). | |
| Seymour's School Iliad. | Ginn & Co. |
| White's First Lessons in Greek. | Ginn & Co. |
| White's First Greek Book. | |
| Whiton's Abridgement of Liddell and Scott's Greek Lexicon. | |
| Woodruff's Greek Prose Composition. | |

LATIN.

| | |
|---|---|
| Allen and Greenough's Cæsar (with vocabulary) | Ginn & Co. |
| Collar and Daniel's First Latin Book. | Ginn & Co. |
| Collar's Practical Latin Composition. | Ginn & Co. |
| Collar's Via Latina. | Ginn & Co. |
| D'Ooge's Select Orations of Cicero. | Benj. Sanborn Co. |
| Greenough's Virgil. | Ginn & Co. |
| Harkness's Latin Grammar. | American Book Co. |
| Harper's Virgil (for "Virgil at Sight"). | American Book Co. |
| Jones's Latin Prose Composition. | Scott, Foreman & Co. |
| Kelsey's Selections from Ovid. | Allyn & Bacon |
| Lindsay's Nepos. | American Book Co. |
| Moulton & Collar's Preparatory Latin Composition. | Ginn & Co. |

FRENCH.

About's La Mere de la Marquise.
Bedolliere's La Mere Michael et Son Chat.
Chardenal's Complete French Course. Allyn & Bacon.
Corneille's Le Cid, Horace.
Daudet's Le Siege de Berlin.
De Lamartine's Graziella.
De Vigny's Cinq Mars.
Dumas's La Tulippe Noire. American Book Co.
Erckmann & Chatrian's Le Conscrit de 1813.
Grandgent's Selections French Composition.
D. C. Heath & Co.
Grandgent's Short French Grammar. D. C. Heath & Co.
Greville's Dosia.
Halevy's Un Mariage d'Amour.
Hennequin's Idiomatic French. American Book Co.
Keetel's French Reader. Maynard, Merrill & Co.
Labiche's Le Voyage de M. Perrichon.
La Fontaine's Fables, Books I and II.
Lamartine's Jeanne d'Arc.
Merrimee's Colomba.
Moliere's L'Avare Ginn & Co.
Moliere's Le Bourgeois Gentilhomme.
Racine's Andromaque, Iphigenie.
Roulier's First Book in French Composition.
Sand's La Famille de Germandre. Ginn & Co.
Sand's Le Mare au Diable.
Sandeau's Mademoiselle de la Seigliere.
Scribe et Legouve's Bataille de Dames.
Spiers' and Surenne's French and English Dictionary.
D. Appleton & Co.
Super's French Reader. D. C. Heath & Co.
Van Daell's French Grammar.

## EVENING HIGH.

FRENCH.

Erckmann & Chatrian's Contes Fantastiques.
Cupples & Schoenhof.

PORTUGUESE.

Cabano's Portuguese Grammar. Cupples & Schoenhof.
Chagas' Historia Alegee de Portugal. Cupples & Schoenhof.

# SUPPLEMENTARY BOOKS USED IN THE HIGH SCHOOL.

| | |
|---|---|
| American Poems. | |
| Anthon's Classical Dictionary. | |
| Appleton's School Physics. | American Book Co. |
| Arnold's Sohrab and Rustum. | Houghton, Mifflin & Co. |
| Bartlett's Familiar Quotations. | |
| Berlitz Methode fur den Deutschen Unterricht, Zweiter Theil. | Berlitz & Co. |
| Brewer's Reader's Handbook. | |
| Browning's Selected Poems. | Houghton, Mifflin & Co. |
| Bryant's Library of Poetry and Song. | |
| Carhart and Chute's Physics. | Allyn & Bacon. |
| Chamber's Encyclopedia. | |
| Chauvenet's Geometry. | J. B. Lippincott Co., Phil. |
| Collier's History of English Literature. | Thos. Nelson & Sons, N. Y. |
| Craik's English of Shakespeare, Julius Cæsar. | Ginn & Co. |
| Davis's Physical Geography. | Ginn & Co. |
| Dicken's David Copperfield. | |
| Emerson's Addresses and Lectures. | |
| Emerson's American Scholar. | |
| Emerson's Essays. | |
| Fiske's Civil Government. | Houghton, Mifflin & Co. |
| French Dictionary. | |
| Gardner's Students History U. S. | |
| Gayley's Classic Myths in English Literature. | |
| Goldsmith's Plays. | |
| Goldsmith's Poems. | |
| Grandgent's Materials based on La Derniere Classe. | D. C. Heath & Co. |
| Grandgent's Materials of French Composition based on Le Siege de Berlin. | D. C. Heath & Co. |
| Greene's Short History of England. | American Book Co. |
| Hawthorne's Little Daffydowndilly. | Houghton, Mifflin & Co. |
| High School Music Reader. | |
| Hudson's Shakespeare, Vol. II. | Ginn & Co. |
| Irving's Tales of a Traveller. | |
| Kimball's Materials based on Colomba. | D. C. Heath & Co. |
| Larned's History for Ready Reference. | Houghton, Mifflin & Co. |
| Latin and English Lexicon. | |

La Tour de la France.
Lippincott's Gazatteer.
Lodge's Mechanics.
Longfellow's Courtship of Miles Standish. Houghton, Mifflin & Co.
Lord's Beacon Lights to History. Ford, Howard & Hulbert
Lowell's Poems. Houghton, Mifflin & Co.
Luquien's French Prose.
Macaulay's Essays on Johnson.
Macaulay's Essays on Goldsmith, Bunyan and Madame D'Aublay. American Book Co.
Macaulay's Life and Writings of Addison.
Macaulay's Milton and Byron. American Book Co.
McCurdy's Exercises in Algebra.
Manual of Mythology.
Martin's English Language.
Myer's Mediæval and Modern History. Ginn & Co.
Milton's Comus. Ginn & Co.
Mitchell's Old Story Tellers.
Patriotic Selections.
Perry's Bible Manual.
Phillpot's Selections from Xenophon, Part I.
Pylodet's La Litterature Francaise Contemporaine. Henry Holt & Co., N. Y.
Pylodet's La Litterature Francaise Classique. Henry Holt & Co., N. Y.
Richardson's Laboratory Manual of Chemistry.
Scott's Poems. Houghton, Mifflin & Co.
Scott's Woodstock. American Book Co.
Scott's The Abbott. American Book Co.
Scott's The Talisman. Houghton, Mifflin & Co.
Shaler's First Book in Geology. D. C. Heath & Co.
Shelley's The Skylark and Adonais.
Smith's Principia Latina. American Book Co.
Smith's Smaller History of Greece.
Sprague's Masterpieces in English Literature. Lothrop Pub. Co.
Strang's Exercises in English. D. C. Heath & Co.
Tennyson's Poems, Complete. Houghton, Mifflin & Co.
Thackeray's Essays on Prior, Gay, Pope, Hogarth, Smollett, Fielding, Sterne and Goldsmith.
Thackeray's Essays on Swift, Congreve and Steele.
Thackeray's The Four Georges.
Thomas' Dictionary of Biology and Mythology.

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| The Euterpean. | |
| Webb's Model Etymology. | Eldredge & Bro., Phil. |
| Webster's Unabridged Dictionary. | |
| Well's Plane and Solid Geometry. | D. C. Heath & Co. |
| Wentworth and Hill's Algebra. | Ginn & Co. |
| Wheeler's Logarithms. | C. W. Sever & Co., Cambridge, Mass. |
| Wheeler's Trigonometry. | Ginn & Co. |
| White's Arithmetic. | American Book Co. |
| Whittier's Poems. | Houghton, Mifflin & Co. |
| Worcester's Small Dictionary. | Lippincott & Co., Phil. |
| Wordsworth's Selected Poems. | American Book Co. |
| Worman's German Echo. | American Book Co. |

## TEXT-BOOKS USED IN THE GRAMMAR SCHOOLS.

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|---|---|
| Aldrich & Forbes' Progressive Course in Reading, Fourth Reader, Part I. | Butler, Sheldon & Co. |
| Aldrich & Forbes, Progressive Course in Reading, Fourth Reader, Part II. | Butler, Sheldon & Co. |
| Aldrich & Forbes' Progressive Course in Reading, Fifth Reader, Part I. | Butler, Sheldon & Co. |
| Aldrich & Forbes' Progressive Course in Reading, Fifth Reader, Part II. | Butler, Sheldon & Co. |
| Blaisdell's How to Keep Well. | Ginn & Co. |
| Bradbury's Eaton's Practical Arithmetic. | Thompson, Brown Co. |
| Bradbury's Eaton's Elementary Arithmetic. | Thompson, Brown Co. |
| Collar & Daniel's First Latin Book. | Ginn & Co. |
| Gifford's Elementary Physics. | Thompson, Brown Co. |
| Grandgent's French Exercises. | D. C. Heath & Co. |
| Harrington's Speller, Parts I and II. | American Book Co. |
| Harkness' Latin Grammar. | American Book Co. |
| Heath's Natural System of Vertical Writing. | D. C. Heath & Co. |

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| Hotchkiss' First French Book. | D. C. Heath & Co. |
| Hyde's Two-Book Course in English, Book I. | D. C. Heath & Co. |
| Hyde's Two-Book Course in English, Book II. | D. C. Heath & Co. |
| Judson's The Young American. | Maynard, Merrill & Co. |
| Judson & Bender's Graded Literature Reader, Fourth Book. | Maynard, Merrill & Co. |
| Judson & Bender's Graded Literature Reader, Fifth Book. | Maynard, Merrill & Co. |
| Longmans' Geography. | Longmans, Green & Co. N. Y. |
| Longmans' Atlas. | Longmans, Green & Co. N. Y. |
| Mason's National New Second Music Reader. | Ginn & Co. |
| Mason's National New Third Music Reader. | Ginn & Co. |
| Mason's National New Fourth Music Reader. | Ginn & Co. |
| May's Anatomy, Physiology and Hygiene. | Wm. Wood & Co. |
| Metcalf's English Grammar. | American Book Co. |
| Merrill's Vertical Writing Books. | Maynard, Merrill & Co. |
| Montgomery's The Leading Facts of American History. | Ginn & Co. |
| Nichol's Mathematical Problems. | Thompson, Brown Co. |
| Prang's Drawing Books. | Prang Educational Co. |
| Prince's Arithmetic, Part IV. | Ginn & Co. |
| Prince's Arithmetic, Part V. | Ginn & Co. |
| Prince's Arithmetic, Part VI. | Ginn & Co. |
| Redway's Natural Advanced Geography. | American Book Co. |
| Redway's Natural Elementary Geography. | American Book Co. |
| Seaver & Walton's Mental Arithmetic. | Butler, Sheldon & Co. |
| Webster's High School Dictionary. | American Book Co. |
| Webster's Academic Dictionary. | American Book Co. |

# APPROVED LIST OF SUPPLEMENTARY BOOKS USED IN GRAMMAR SCHOOLS.

## GRADE V.

| | |
|---|---|
| Baldwin's Old Greek Stories. | American Book Co. |
| Eggleston's Stories of American Life and Adventure. | American Book Co. |
| Hall's Our World Reader, No. I. | Ginn & Co. |
| Longfellow Leaflets. | Houghton, Mifflin & Co. |
| Norton's Heart of Oak Series, No. 3. | D. C. Heath & Co. |
| Wright's Seaside and Wayside, No. 2. | D. C. Heath & Co. |

### SPECIAL STUDY IN LITERATURE.

| | |
|---|---|
| Longfellow's Hiawatha. | Houghton, Mifflin & Co. |

## GRADE VI.

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|---|---|
| Baldwin's Old Stories of the East. | American Book Co. |
| Dana's Plants and Their Children (also in VII). | American Book Co. |
| Eggleston's Elementary History of U. S. | American Book Co. |
| Francillon's Gods and Heroes. | Ginn & Co. |
| Norton's Heart of Oak Series, No. 4. | D. C. Heath & Co. |
| Ruskin's King of the Golden River. | Ginn & Co. |
| Wright's Seaside and Wayside, No. 3. | D. C. Heath & Co. |

### SPECIAL STUDY IN LITERATURE.

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|---|---|
| Longfellow's Courtship of Miles Standish. | Houghton, Mifflin & Co. |

## GRADE VII.

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|---|---|
| By Land and Sea. | Perry, Mason & Co. |
| Dana's Plants and Their Children. | American Book Co. |
| Guerber's The Story of Greece. | American Book Co. |
| Hawthorne's Grandfather's Chair. | Houghton, Mifflin & Co. |
| Higginson's Young Folks' History U. S. | Longmans, Green & Co. |
| Kingley's Water Babies. | Ginn & Co. |

### SPECIAL STUDY IN LITERATURE.

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|---|---|
| Longfellow's Evangeline. | Houghton, Mifflin & Co. |

GRADE VIII.

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| Guerber's The Story of the Romans. | American Book Co. |
| Hawthorne's Tanglewood Tales. | Houghton, Mifflin & Co. |
| Irving's The Sketch Book. | Houghton, Mifflin & Co. |
| Smith's Life in Asia. | Silver, Burdett & Co. |

SPECIAL STUDY IN LITERATURE.

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| Whittier's Snow Bound. | Houghton, Mifflin & Co. |

GRADE IX.

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| Ballou's Footprints of Travel. | Ginn & Co. |
| Eliot's Selections from American Authors. | Sheldon & Co. |
| Lamb's Tales from Shakespeare. | Ginn & Co. |
| Lodge's Ballads and Lyrics. | Houghton, Mifflin & Co. |
| Thayer's Ethics of Success. | Silver, Burdett & Co. |

SPECIAL STUDY IN LITERATURE.

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|---|---|
| Lowell's The Vision of Sir Launfal. | Houghton, Mifflin & Co. |

## APPROVED LIST OF REFERENCE AND LIBRARY BOOKS NAMED IN COURSE OF STUDY.

GRADE V.

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|---|---|
| Carroll's Alice in Wonderland. | Educational Pub. Co. |

GRADE VI.

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| De La Ramee's Binbi Stories. | Ginn & Co. |

GRADE IX.

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| Holmes' Complete Poems, Household edition. | Houghton, Mifflin & Co. |
| Longfellow's Complete Poems, Household edition. | Houghton, Mifflin & Co. |
| Macaulay's Lays of Ancient Rome. | Houghton, Mifflin & Co. |
| Scott's The Lady of the Lake. | Houghton, Mifflin & Co. |
| Tennyson's Complete Poems, Household edition. | Houghton, Mifflin & Co. |

## SETS OF SUPPLEMENTARY BOOKS FOR OCCASIONAL READING.

| | |
|---|---|
| Anderson's Historical Reader. | Maynard, Merrill & Co. |
| Choice Readings in Nature's Book. | |
| Collier's British History. | Thos. Nelson & Sons |
| Dicken's Child's History of England. | American Book Co. |
| Golden Book of Choice Readings. | American Book Co. |
| Goodrich's History of U. S. | Butler, Sheldon & Co. |
| Hooker's Child's Book of Nature, Parts I, II, III, IV. | American Book Co. |
| Johannot's Geographical Reader. | American Book Co. |
| Longfellow's Hiawatha. | Houghton, Mifflin & Co. |
| Metcalf's Language Exercises. | American Book Co. |
| Scott's Lady of the Lake. | |
| Scott's Quentin Durward. | |
| Scribner's Geographical Reader. | |
| Steele's Physiology. | American Book Co. |
| Swinton's Book of Tales. | |
| Swinton's American Classics. | |
| Swinton's English Classics. | |
| Underwood's American Authors. | Lee & Shepard |
| Wyse's Swiss Family Robinson. | |

## SUPPLEMENTARY BOOKS IN SETS OF THREE FOR GENERAL READING.

| | |
|---|---|
| Abbott's Blue Jackets of 1776. | |
| Abbott's Blue Jackets of 1812. | |
| Abbott's Blue Jackets of 1861. | |
| Aesop's Fables, Vols. I and II. | Henry Holt & Co. |
| Alcott's Little Men. | |
| Arabian Nights. | American Book Co. |
| Burnett's Little Lord Fauntleroy. | |
| Clemens' Prince and Pauper. | Harper Bros. |
| Frye's Child and Nature. | Ginn & Co. |
| Gayley's Classic Myths in English Literature. | |
| Goldsmith's Vicar of Wakefield. | |
| Hodge's Hans Brinker. | Chas. Scribner's Sons |

Martineau's The Peasant and the Prince. University Pub. Co.
McDonald's At the Back of the North Wind.
Geo. Routledge & Sons
Montgomery's Heroic Ballads. Ginn & Co.
Scudder's Fables and Folk Stories. Houghton, Mifflin & Co.
Sewell's Black Beauty.

## TEXT-BOOKS USED IN THE PRIMARY SCHOOLS.

Aldrich & Forbes' Progressive Course in Reading, First Book.
Butler, Sheldon & Co.
Aldrich & Forbes' Progressive Course in Reading, Second Book.
Butler, Sheldon & Co.
Aldrich & Forbes' Progressive Course in Reading, Third Book.
Butler, Sheldon & Co.
Child's Health Primer. A. S. Barnes & Co.
Heath's Natural System of Vertical Writing.
D. C. Heath & Co.
Hyde's Two-Book Course in English, Book I.
D. C. Heath & Co.
Judson & Bender's Graded Literature Readers, First Book.
Maynard, Merrill & Co.
Judson & Bender's Graded Literature Readers, Second Book.
Maynard, Merrill & Co.
Judson & Bender's Graded Literature Readers, Third Book.
Maynard, Merrill & Co.
Merrill's Vertical Writing Books. Maynard, Merrill & Co.
Mason's National New Second Music Reader.
Ginn & Co.
Prang's Drawing Books Prang Educat'al Pub. Co.
Prince's Arithmetic, Part II. Ginn & Co.

# SUPPLEMENTARY BOOKS USED IN THE PRIMARY SCHOOLS.

## GRADE I.

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| Arnold & Gilbert's Stepping Stones to Literature, First Reader. | Silver, Burdett & Co. |
| Bass's The Beginner's Book. | D. C. Heath & Co. |
| Blaisdell's Child Life, Part I. | Macmillan Co. |
| Crosby's Our Little Book for Little Folks. | American Book Co. |
| Cyr's The Children's Primer. | Ginn & Co. |
| The Werner Primer. | Werner Co. |

## GRADE II.

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|---|---|
| Arnold & Gilbert's Stepping Stones to Literature, First Reader. | Silver, Burdett & Co. |
| Bass's Plant Life. | D. C. Heath & Co. |
| Carroll's Round the World, Part I. | Morse Co. |
| Cyr's The Children's First Reader. | Ginn & Co. |
| Davis's Animals, Wild and Tame. | Educational Pub. Co. |
| Ford's Nature's Byways. | Morse Co. |
| Lane's Stories for Children. | American Book Co. |

## GRADE III.

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|---|---|
| Arnold & Gilbert's Stepping Stones to Literature, Second Reader. | Silver, Burdett & Co. |
| Bass's Animal Life. | D. C. Heath & Co. |
| Carroll's Round the World, Part I. | Morse Co. |
| Cyr's The Children's Second Reader. | Ginn & Co. |
| Eggleston's Stories of Great Americans for Little Americans. | American Book Co. |
| Scudder's Fables and Folk Stories. | Houghton, Mifflin & Co. |
| Strong's All the Year Round, Autumn. | Ginn & Co. |
| Strong's All the Year Round, Winter. | Ginn & Co. |
| Strong's All the Year Round, Spring. | Ginn & Co. |
| Wilson's Nature Study in Elementary Schools, Second Reader. | Macmillan Co. |

## GRADE IV.

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| Andrew's Seven Little Sisters. | Ginn & Co. |
| Andrew's Each and All. | Ginn & Co. |

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| Arnold & Gilbert's Stepping Stones to Literature, Third Reader. | Silver, Burdett & Co. |
| Carroll's Round the World, Part II. | Morse Co. |
| Clyde & Wallace's Through the Year, Book I. | Silver, Burdett & Co. |
| Clyde & Wallace's Through the Year, Book II. | Silver, Burdett & Co. |
| Cyr's The Children's Third Reader. | Ginn & Co. |
| Eggleston's Stories of American Life and Adventure. | American Book Co. |
| Norton's Heart of Oak Series, No. II. | D. C. Heath & Co. |
| Scudder's Hans Anderson's Stories. | Houghton, Mifflin & Co. |

## APPROVED LIST OF REFERENCE AND LIBRARY BOOKS NAMED IN THE COURSE OF STUDY.

### GRADE I.

| | |
|---|---|
| Baldwin's Fairy Stories and Fables. | American Book Co. |
| Beecher's The Anxious Leaf. | |
| Bellamy & Goodwin's Open Sesame, Vol. I. | Ginn & Co. |
| Brook's Stories of the Red Children. | Educational Pub. Co. |
| Field's Love Songs of Childhood. | Chas. Scribner's Sons. |
| Lovejoy's Nature in Verse. | Silver, Burdett & Co. |
| Poulsson's In the Child's World. | Milton, Bradley & Co., Springfield. |
| Shutes' Land of Song, Vol. I. | |
| Stevenson's Poems. | Chas. Scribner's Sons. |
| Wiltse's Folk-lore Stories and Proverbs. | Ginn & Co. |

### GRADE II.

| | |
|---|---|
| Baldwin's Fairy Stories and Fables. | American Book Co. |
| Bellamy & Goodwin's Open Sesame, Vol. I. | Ginn & Co. |
| Eddy's Friend's and Helpers. | Ginn & Co. |
| Grimm's German Household Tales. | Houghton, Mifflin & Co. |
| Ingelow's Seven Times One. | |
| Longfellow's Complete Poems, Household edition. | Houghton, Mifflin & Co. |
| Lovejoy's Nature in Verse. | Silver, Burdett & Co. |
| Poulsson's In the Child's World. | Milton, Bradley & Co., Springfield. |

Shaw's Big People and Little People of Other Lands.
American Book Co.
Shute's Land of Song, Vol. I.
Wilson's Nature Study in Elementary Schools, Second Reader.
Macmillan & Co.

GRADE III.

Bellamy & Goodwin's Open Sesame, Vol. I. Ginn & Co.
Dole's The Young Citizen. D. C. Heath & Co.
Holmes' Complete Poems, Household edition.
Houghton, Mifflin & Co.
Larcom's Sir Robin.
Longfellow's Complete Poems, Household edition.
Houghton, Mifflin & Co.
Lovejoy's Nature in Verse. Silver, Burdett & Co.
Muloch's Adventures of Brownie. A. L. Burt, N. Y.
Pratt's America's Stories for America's Children, Book I.
D. C. Heath & Co.
Payne's Geographical Nature Studies. American Book Co.
Shute's Land of Song, Vol. I.
Whittier's Complete Poems, Household edition.
Houghton, Mifflin & Co.
Wilson's Nature Study in Elementary Schools, Second Reader.
Macmillan & Co.

GRADE IV.

Bellamy & Goodwin's Open Sesame, Vol. I. Ginn & Co.
Heman's Landing of the Pilgrims.
Hunt's Legend of Christopher.
Kippling's The Jungle Book. Century Co.
Lowell's Complete Poems, Household edition.
Houghton, Mifflin & Co.
Pratt's Legends of Norseland. Educational Pub. Co.
Scudder's A Book of Legends. Houghton, Mifflin & Co.
Tennyson's Complete Poems, Household edition.
Houghton, Mifflin & Co.
Whittier's Complete Poems, Household edition.
Houghton, Mifflin & Co.

# APPROVED LIST OF REFERENCE AND LIBRARY BOOKS NOT NAMED IN THE COURSE OF STUDY.

| | |
|---|---|
| Arnold & Kittredge's The Mother Tongue. | Ginn & Co. |
| Beal's Seed Dispersal. | Ginn & Co. |
| Bergen's Elements of Botany. | Ginn & Co. |
| Burton's Stories of the Indians of New England. | The Morse Co. |
| Buckley's Life and Her Children. | D. Appleton & Co. |
| Buckley's Winner's in Life's Race. | D. Appleton & Co. |
| Buckley's Fairy Land of Science. | D. Appleton & Co. |
| Chapman's Handbook of Birds of Eastern North America. | D. Appleton & Co. |
| Chatty Readings in Elementary Science, Books I, II. | Longmans, Green & Co. |
| Comstock's Insect Life. | D. Appleton & Co. |
| Dickson's From the Old World to the New | Macmillan Co. |
| Dana's How to Know the Wild Flowers. | Chas. Scribner's Sons. |
| Flagg's A Year Among Trees. | Educational Pub. Co. |
| Frye's Brooks and Brook Basins. | Ginn & Co. |
| Gayley's Classic Myths in English Literature. | Ginn & Co. |
| Gilbert & Harris' Graded List of Poems and Stories. | Silver, Burdett & Co. |
| Gymnastic Games—Alumni of Boston Normal School of Gymnastics. | Geo. H. Ellis, Printer, Boston. |
| Headland's The Chinese Boy and Girl. | Fleming H. Revell Co. |
| Hervey's Flora of New Bedford. | H. S. Hutchinson. |
| Hodge's Nature Study and Life. | Ginn & Co. |
| Howland's Practical Hints for Teachers. | D. Appleton & Co. |
| Howland's Practical Hints for the Teachers of Public Schools. | D. Appleton & Co. |
| Hyatt's Science Guides, Pebbles. | D. C. Heath & Co. |
| James' Talks to Teachers. | Henry Holt & Co. |
| Joy's Arithmetic Without a Pencil. | D. C. Heath & Co. |
| Judd's Classic Myths. | Rand, McNally & Co. |
| Judd's Wigwam Stories. | Ginn & Co. |
| Keeler's Our Native Trees. | Chas. Scribner's Sons. |
| Kellogg's Teaching Reading in Ten Cities. | Educational Pub. Co. |
| Laing's Reading, a Manual for Teachers. | D. C. Heath & Co. |

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| Long's Secrets of the Woods. | Ginn & Co. |
| Long's Ways of Woodfolk. | Ginn & Co. |
| Long's Wilderness Ways. | Ginn & Co. |
| Malleson's Early Training of Children. | D. C. Heath & Co. |
| McMurry's Elements of General Methods. | Public School Pub. Co., Bloomington, Ill. |
| McMurry's Methods of the Recitation. | Public School Pub. Co., Bloomington, Ill. |
| Menefee's Child Stories from the Masters. | Rand, McNally & Co. |
| Newell's Outlines of Lessons in Botany, Part I. | Ginn & Co. |
| Newell's Outlines of Lessons in Botany, Part II. | Ginn & Co. |
| New Hampshire College Leaflets. | Durham, N. H. |
| Perdue & Griswold's Language Through Nature, Literature and Art. | Rand, McNally & Co. |
| Shaler's A First Book in Geology. | D. C. Heath & Co. |
| Smith's Eskimo Stories. | Rand, McNally & Co. |
| Schwatka's Little Children of the Cold. | Educational Pub. Co. |
| Starr's American Indians. | D. C. Heath & Co. |
| Starr's Strange People. | D. C. Heath & Co. |
| Tarr & McMurry's Home Geography. | Macmillan Co. |
| Waterman, Claymonds & Hughes' Graded Memory Selections. | Educational Pub. Co. |
| Weed's Seed Travelers. | Ginn & Co. |
| Weed's Stories of Insect Life, Part I. | Ginn & Co. |
| Weed's Stories of Insect Life, Part II. | Ginn & Co. |

## SUPPLEMENTARY BOOKS IN SETS OF THREE.

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|---|---|
| Baldwin's Readers. | Educational Pub. Co. |
| Brook's Stories of the Red Children. | Educational Pub. Co. |
| Chaplin & Humphrey's Little Folks of Other Lands. | Lothrop & Co. |
| Grimm's German Household Tales, III, IV | American Book Co. |
| Holbrook's Hiawatha Primer. | Houghton, Mifflin & Co. |
| Longfellow's Leaflets, Riverside Press, (Longfellow, Whittier, Lowell, Holmes.) | Houghton, Mifflin & Co. |

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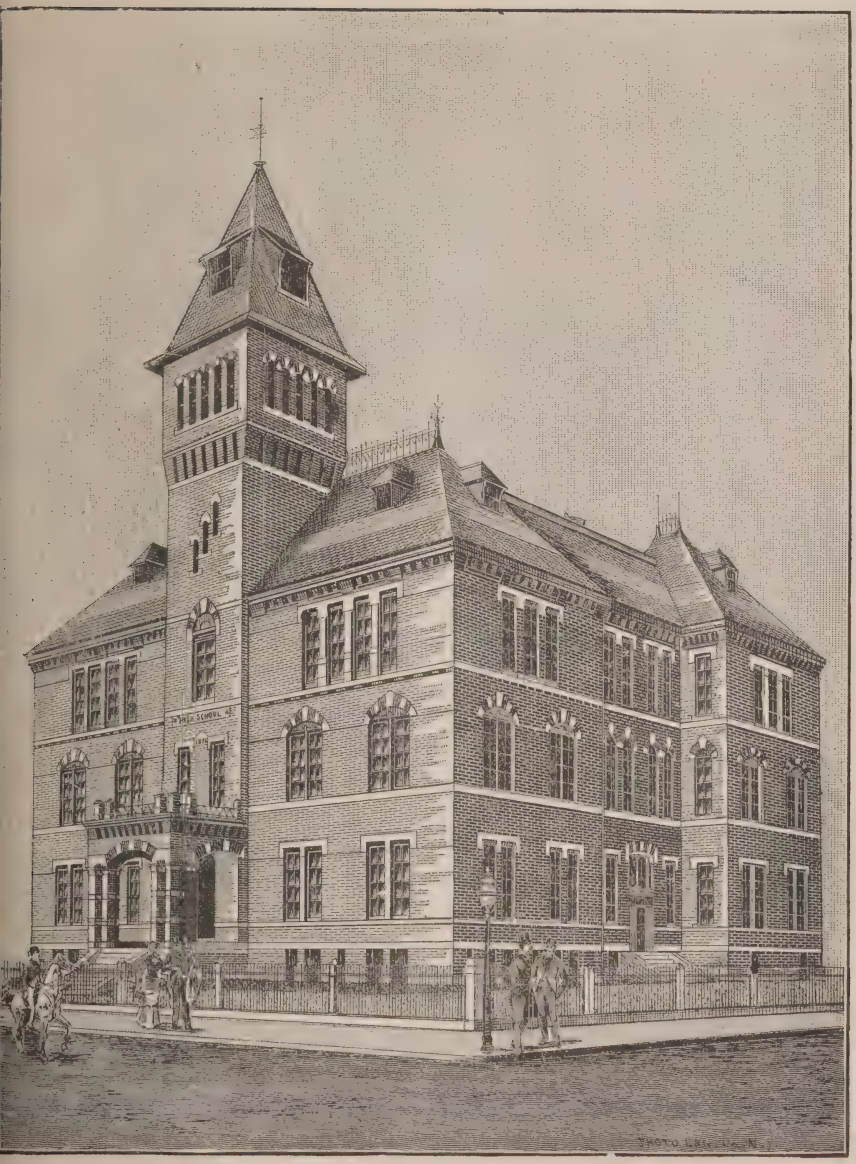
| Macomber's Stories of Great Inventors, (Fulton, Whitney, Morse, Cooper, Edison) | Educational Pub. Co. |
| Pratt's Legends of Norseland. | Educational Pub. Co. |
| Pratt's Stories of Colonial Children. | Educational Pub. Co. |
| Whittier's Child Life, selections from. | Houghton, Mifflin & Co. |
| Young Folks Library. | Educational Pub. Co. |
| Lincoln, No. 31. | |
| Franklin, No. 29. | |



Present High School Building.

# ANNUAL REPORT

OF THE

# SUPERINTENDENT OF SCHOOLS

FOR THE YEAR

# 1902.

# Report of the Superintendent.

*To the School Committee:*

LADIES AND GENTLEMEN :—I herewith submit my Fifteenth Annual Report. It is the forty-second in the series of annual reports of the Superintendent of Schools of the city.

By vote of your Board, this report, together with that of the Secretary, is to constitute the Annual Report of the School Committee.

There is not much that is new to chronicle of the schools for the past year. As few changes have been made as during any year of my incumbency. Some additional rooms have been opened in the north and in the south sections of the city. The Parker Street school was colonized for several months in the fall pending the rebuilding of the schoolhouse, and several of the grades had but little more than half time school hours for some months. I do not think, however, that the pupils have suffered as much loss in their studies as might be expected.

The course of study for the elementary schools put into operation a year or more ago is now in good working order, and as the teachers are becoming familiar with it the results are a closer unification in the work throughout the schools.

A complete readjustment of the high school course is under way and will be ready for consideration by the Committee within a short time.

I am anxious to bring the high and grammar schools into still closer relation. For this purpose I would have those

pupils who intend to enter the high school begin high school work in the ninth grade. A step was taken in this direction nearly two years ago when Latin and French were introduced as options in the ninth grade. But of this I will speak more fully in another part of this report.

One of the most important works accomplished during the year was a thorough review of the Rules and Regulations of the Board. The Committee on Rules gave a great deal of time and thought to the revision, with the result that the Rules and Regulations of the Board are now more complete and clearer than ever before.

Judge F. A. Milliken, a member of the Committee, prepared complete excerpts from the Constitution of Massachusetts, the Charter of New Bedford, and the Revised Laws of Massachusetts relating to schools, with annotations. These were published as an appendix to the rules, and are a valuable addition to them.

Our city is growing rapidly, and the school system is becoming under modern conditions more and more complex. It requires a large amount of money each year to maintain it, and the cost per pupil is much larger than it was a few years ago. We are rapidly outgrowing the form of administration that has prevailed in the past. If the schools are to be conducted in the future that the greatest efficiency may be secured for the amount of money expended careful consideration must be given by the Board to the whole subject of organization and administration.

A new expert has come into the business world within a few years known as a "Productive Engineer who installs Economical Methods."

Great manufacturing industries, railroad corporations and others have employed him to show them how better results might be obtained in their affairs. He has taken these, reorganized them, and made them exceedingly profitable where before profits were unsatisfactory, and

has done it only by the application of the best of administrative principles in each case. It might be well if the schools in all our cities could have the application of such methods to them.

We are in danger of losing sight in great measure of the true ends of education in the machinery with which the schools are encumbered; and I am more and more impressed as my experience widens with the waste that prevails in most of the school systems of this country.

The children enjoy almost every advantage that can be given them both in practical education, so called, and in general culture. But few school systems, however, are getting the best results possible for the amount expended, or are even approximating the best results.

New York city is today spending far more money per pupil on her schools than ever before. But never on the other hand were such sound business principles applied to their administration. The result is, she is taking such strides to the front in educational matters that she will soon stand at the head of the world in her school system.

A wise administration of schools means good teachers first of all and good salaries paid them; it means advancement in the teaching corps for merit and merit only; it means the retirement of teachers on part pay after years of faithful service and before they become an injury to the schools; it means thorough expert supervision; it means high standards of accomplishment in every line of work; it means healthful surroundings for pupils and teachers and a careful nurturing of their health and strength in every way.

But it does not mean buildings so costly and so constructed, that the resources needed for education and training are used up in maintaining these buildings; it does not mean the flooding of the schools with materials de luxe and articles of vertu, to the exclusion of other

things, and making the paths of the pupils those of flowery ease.

The schoolroom is above all the workroom of the child, and that he should not lose sight of, if he is to secure there the training that will best serve him in after life. I plead for wise and careful expenditures, and work, steady enlightened work in our schools, for on these two things will depend their success and highest usefulness.

## ATTENDANCE.

Among the tendencies in modern school life, is a dislike on the part of many children for regular attendance at school and for persistent effort in overcoming difficulties. This dislike may be, and undoubtedly is a natural inclination of children. But unfortunately this inclination is encouraged more in each generation by many of their elders through weakness or want of serious consideration.

It seems to me that there is an ever increasing feeling that school is not a serious occupation, and that it may be put aside for almost anything that occurs. A demand is made that the schools shall be closed in case of severe storm. From this a feeling grows that there should not be a school in any kind of a storm. Some one desires to get up some kind of entertainment, an operetta, a kirmess, or something of the kind in which a number of children are needed, and the school attendance will fall off largely for weeks. It may be a circus, or a parade or a county fair, or many another affair, and the work of the schools must be interrupted that all may see the passing pageant.

Add to all these things the regular holidays, the vacations of three months a year, and the enforced absences and is it any wonder that children learn to look upon

school as something else than a preparation for life and of supreme importance. Is it strange that the feeling infects some teachers even, and they become somewhat unappreciative of the value of regular, uninterrupted work.

I am often asked, why is it that many boys and girls who fail in the public schools if sent away to a boarding school are successful in their work. My reply invariably is because at the boarding school they are compelled to be regular in their habits of diet, sleep and work. The indulgent parent is not there to permit social dissipation, unwholesome food, and other things that cause unfitness for work or its avoidance.

Imagine if one can a successful industry managed on the plan that schools are run. As competition grows stronger in this country of ours some of our ideas will greatly change in regard to the administration of our schools. There has been such an improvement in many ways in public education during the past thirty years that many of its friends become blind to its real faults. They are inclined to defend criticism of it of whatsoever nature.

I would not deprive children of anything that will enhance their joy of living. But their true happiness must come not through ease and the avoidance of duty. It must come rather from strength of body and will. It must come from ability to do and overcome or else they grow up a weak and effeminate race, who, if they go not wrong, are wanting in that virility that makes the true man or woman and leads to success in life.

There is not a schoolman of wide experience who does not recall with sorrow the wrecks that strew the pathway of school-life for which there is little excuse. And instead of decrease in this direction there is increase. For this reason the schools are called Godless and accused of failure in their moral training.

The schools have their weaknesses and their faults, but these can be remedied in large measure when the

public cease to countenance and contribute to them. One way to do this is for the public to demand that for no slight reason shall the schools be closed or interrupted, and by those who have children attending the schools seeing to it that they are regular and punctual in their attendance.

The table of attendance in another part of the report shows the detailed attendance, tardiness, dismissals, etc. The exhibit is not satisfactory. It shows that out of the forty weeks of five days each the schools have been closed more than two weeks for holidays, storms, etc. That the average daily attendance is twenty per cent. less than the enrollment and seven and a half per cent. less than the average number belonging. There are thousands of cases of tardiness, and many more thousands of cases of dismissal.

There are too many cases of teacher's absence, and too many cases of their tardiness. The majority of the cases of the teacher's absence as well as their pupils are for sickness, but there are many for other reasons, and in both cases many should have not occurred.

## LABOR CERTIFICATES.

The granting of labor certificates engrosses a great deal of the time of the clerks in the office of the superintendent. Until within a year only minors between the ages of 14 and 16 were required to have certificates in order to work. But the legislature of 1891–92 enacted the following law: —

Revised Laws, Chapter 106, Section 35. While a public evening school is maintained in the city or town in which any minor who is over fourteen years of age and who does not have a certificate signed by the superintendent of schools, or by the school committee, or by some person acting under authority thereof, certifying to the

minor's ability to read at sight and write legibly simple sentences in the English language resides, no person shall employ him and no parent, guardian or custodian shall permit him to be employed unless he is a regular attendant at such evening school or at a day school; but, upon presentation by such minor of a certificate signed by a registered practicing physician and satisfactory to the superintendent of schools, or, if there is no such superintendent, to the school committee, showing that his physical condition would render such attendance in addition to daily labor prejudicial to his health, said superintendent or school committee shall issue a permit authorizing the employment of such minor for such period as said superintendent or school committee may determine. Said superintendent or school committee, or teachers acting under authority thereof, may excuse any absence from such evening school which arises from justifiable cause. Any minor not holding the certificate described above shall furnish to his employer a record of his school attendance each week while the evening school is in session, and when this record shows unexcused absences from the sessions his attendance shall be deemed irregular according to this act. Whoever employs a minor in violation of the provisions of this section shall forfeit not more than one hundred dollars for each offence to the use of the evening schools of such city or town. A parent, guardian or custodian who permits a minor under his control to be employed in violation of the provisions of this section shall forfeit not more than twenty dollars to the use of the evening schools of such city or town.

Prior to the passage of this act the number of certificates annually issued was between 800 and 1000. But the new law affected every minor in the city who desired to work. Now no minor in the city can work without a certificate from the office of the superintendent of schools, and if he cannot read and write in the English language he must attend the evening school. This applies to girls as well as boys.

The result of the passage of this act has been a great increase in the work of issuing certificates. When the law was put into operation it was necessary to open centres in different parts of the city where these certificates could be issued, and hundreds were issued in a few weeks.

In the issuance of these certificates the manual work of filling them out is but a small part of the time required. In the city are people of many nationalities who have come here within a few years. Many of them can not speak English and have no record of their children's birth that they can exhibit. They are anxious to get their children at work, and often have rather hazy knowledge of their exact ages.

To satisfy the law it is necessary to question them closely, to have them read and write or show their inability to do so, and compel them to send to their native country for a birth certificate. These matters alone consume much time and have added much to the burdens of the office.

| | 1901. | 1902. |
|---|---|---|
| Labor certificates granted, | 785 | 1,011—increase 226 |
| Duplicate certificates granted, | 33 | 35—increase 2 |

## TRUANCY.

Truancy is absence from school without permission of teachers or parents. There were recorded during the past year by the teachers 292 truants.

It is not always easy to determine truancy. Unfortunately some cases of truancy are assumed by the parents of the offenders to protect the children. Truancy is almost always the precursor of crime, if not checked in its incipient stage. Of the cases enumerated fortunately many cases may be attributed to an individual. Truancy is generally caused by unwholesome home influences. If it is not it is easily checked. Habitual truants usually come from homes where the conditions cause one to sorrow for the children and to wish for the power to rescue them permanently from such influences.

In every city there will always be a contingent of truants. The activity and zeal of the officers acting in unison with the efforts of the teachers alone keep it in check.

There are no more prolific causes of truancy than drink, cigarettes, dime shows, and circuses. As these are evidently to be with us always, truancy will continue to prevail, and all that can be hoped for is to keep it at a minimum.

Below are given the report of the two truant officers of the city.

REPORT OF HENRY SMITH, TRUANT OFFICER.

| | |
|---|---|
| Schools visited | 1945 |
| Absences reported by teacher | 844 |
| Absences without permission | 52 |
| Second offences | 16 |
| Third offences | 8 |
| Parents or guardians notified | 877 |
| Taken to school from street | 19 |
| Arrests | 4 |
| Prosecution | 4 |
| Sent to truant school | 4 |
| Transfer cards received | 498 |
| Evening school absences investigated | 225 |
| Visit to mills | 87 |
| Violation of labor laws | 3 |

REPORT OF WILLIAM A. BAKER, TRUANT OFFICER.

| | |
|---|---|
| Schools visited | 1937 |
| Absences reported by teacher | 922 |
| Absences without permission | 78 |
| Second offences | 11 |
| Third offences | 6 |
| Parents or guardians notified | 1014 |
| Taken to school from street | 41 |
| Arrests | 7 |
| Prosecutions | 7 |
| Sent to truant school | 7 |
| Transfer cards received | 357 |
| Evening school absences investigated | 223 |
| Visits to mills | 83 |

## SCHOOLHOUSES.

Nearly all the primary schoolhouses in the city have either been built during the last fifteen years or have been so far remodeled as to be as good as new. But with the exceptions of the R. C. Ingraham and the John Henry Clifford, completed two years ago, the grammar buildings are old. The rooms are most of them smaller than those of modern buildings, the corridors are not so large, and the ventilation is chiefly by windows.

The Middle Street schoolhouse was built in 1844, the Parker Street in 1852, and the Fifth Street in 1860.

The Middle Street is in some respects the poorest type of them all as well as the oldest. The rooms are the smallest, and the corridors also. The building is not large enough for the district, and a class has been seated for years in one corner of the assembly hall. Were it not that it is intended to use the present high school building for a grammar school when the proposed high school is built, the City Government would have been asked to build a new grammar schoolhouse in that part of the city to replace the Middle street building. But with this change in view the City Government was asked instead to remodel the Parker Street schoolhouse, the second oldest of the three schools, and money was appropriated for that purpose. The original plan called for installing new heating and ventilating apparatus, for new and modern sanitaries, for new windows throughout the building, for changing the roof to make the two rooms in the third story suitable, and for some minor changes. But when work was under way the weakness of the timbers in the old building was so manifest, that much more work was necessitated than was at first contemplated, and the cost was $36,366.61, instead of $25,765.00, the amount first appropriated for the work.

In view of the amount expended to put the building into its present condition, which is good, it is true, but

especially because the building is not now large enough to accommodate the pupils in the district within one hundred or more, it would have been far better to have purchased the land between the present lot and Summer street and to have erected thereon a new sixteen-room schoolhouse that would have accommodated all the pupils in the district. As it is, it will soon be necessary to use the old Linden Street schoolhouse as an overflow, when the Horatio B. Kempton schoolhouse is filled with primary children, and continue them there until another schoolhouse is built or the present one is enlarged.

Another twelve-room schoolhouse is needed in the south part of the city near the R. C. Ingraham school, to be used partly as a primary and partly as a grammar school. There are now two overflow grammar rooms located in the attic of the Thompson Street schoolhouse; two ungraded classes in a hall, one primary class in a store, and one primary class in a corridor.

With the opening of the large Butler mill there will undoubtedly be a marked increase in population in that part of the city. The T. A. Greene and Acushnet schools also need relief. Three portable schoolhouses are being built, one to be located on the T. A. Greene school lot and two on the I. W. Benjamin school lot as a temporary expedient to meet the congestion.

The School Committee sent a communication to the City Council in October, 1902, asking for an addition to the Acushnet schoolhouse at Lund's Corner that the North and Plainville schools might be abolished, but no decisive action has been taken upon the matter to my knowledge.

The question of greatest moment that is before the Committee and the city, is the building of a new high schoolhouse. This I shall discuss in a separate article and in connection with the work of the high school and its future needs.

## THE HIGH SCHOOL.

The contrast between an up-to-date high school and the high school of fifty years ago is as great as that between the "deestrict skule of Pigwacket Center," as portrayed by Dr. Holmes in Elsie Venner, and the best elementary school that you find in the towns and cities of Massachusetts today.

Our high school in attempting to hold its place in the van of progress finds itself hampered in every department with insufficient room, and with deficiencies that try the patience of teachers, and restrict the desires of ambitious pupils. It fails altogether to reach a large class who desire an opportunity to come in touch with an education that will fit them to enter into the great industrial movement which has sent this nation of ours with leaps and bounds during the past few years to the forefront of the great nations in their intense struggle for commercial supremacy.

There has been marked progress, however, in the school in essential matters of education during the past three years, notwithstanding the conditions. This is due in large measure to the untiring industry, the sound scholarship, the high ideals, and the thorough comprehension of educational methods by its principal. The teachers have responded to his efforts to raise the intellectual and moral standard of the school to its highest possibilities, and the School Committee has striven to strengthen every weak position by securing the best talent available for the teaching force when vacancies occur, or to go even farther and make merit the security for position in it, that a teaching force may be built up in the school which will be worthy of the contemplated new building and the larger opportunities it will give. The Committee has done more, it has shown to the pupils of the school that it is not to be a lounging place for those who are idle and indifferent,

but a place where earnest work must be done or delinquents must suffer the consequences.

This position taken by the Committee is one of the most promising for the future of the school. There has been unfortunately in the past too great leniency exercised in admissions to the school and toward pupils in it, who not only were doing little or no work themselves but were exercising a pernicious influence over others in the school.

A high school properly conducted is a tremendous influence for good in any community, and is worth all it costs; but one that accepts a low standard of scholarship, that permits idleness and constant distraction from the highest purposes of education, is a menace to all that the public school system stands for and which the American people believe in.

Why should a minority of pupils supported in their lack of purpose by indulgent or short-sighted parents be permitted to lower the standard of a costly high school, or any other school supported by public funds for the public good? The study of the public school system by every intelligent foreigner finds one of its greatest weaknesses in the want of proper support in many homes. This is not as it should be, and if there are those who have fallen away from the tradition of our forefathers in adherence to duty, I do not believe they are in the majority, yet they too often exercise influence that wisdom and sober thought cannot with conviction countenance.

During the past year certain pupils were dropped out of the high school and others were put on probation. In every case those who were dropped acknowledged to gross neglect of their work. Those who were put on probation entered upon their studies with effort before not shown. Most of them redeemed themselves. A few failed to do so. Those who do their best and fail I believe should be dealt with leniently. It may be that the fault is not wholly theirs. It may be, and is undoubtedly true, that

some are the victims of poor teaching in the elementary schools, or even in the high school itself, for such teaching exists in both, and furnishes one of the chief sources of criticism of our schools.

If there is no other way to get rid of weak, incompetent teachers but by a pension system, then for the sake of the helpless children let us have it. I do not believe that there is a city in Massachusetts whose schools are not honeycombed with weak teachers, many of whom are kept in position on account of long service or for some other reason not so good as that even. Until a change can be wrought in this matter there will be many children robbed of their rights, and their futures marred beyond reclaim.

New teachers have come into the high school corps during the year. Two to fill vacancies that the Committee thought best to create for the good of the school, and one as an additional teacher. All have added strength to the school, by reason of their sound scholarship and teaching ability.

The course of study as it stands in the school today is being prepared by the principal to be submitted to the Committee for its consideration with some modifications of the present course. The only form in which the course is now printed is a bare outline, which gives to one but a vague idea of the scope of the work. The revised course will be so elaborated that it can be comprehended by the uninitiated, and will be a desirable source of information for those interested in the work of the school.

But a high school course can be but a tentative one at best in these days. There are movements under way in the educational world that bid fair within a few years to change materially the present relations between the elementary schools and the high school, and between the high school and the college. There are advocates on the one hand for the high school to do the first two years of the present college course that students may remain at

home longer under the care of their parents and at a material saving in expense to them. There are others who advocate a reduction of the present eight and nine year courses in the elementary schools to seven years, and the addition of two years to the high school course from below. The adoption of either of these changes must mean a serious modification in the organization of the high school as it exists today.

Again there is the growing demand that more attention shall be given to the physical training of pupils in the high school; that manual training and instruction in the domestic arts shall form a constituent part of every high school course, and in which even those who are looking toward the liberal professions shall in a measure share.

All these things go to show that the evolution of the American high school is yet far from complete, and should warn those who are considering the erection of new high school buildings that they must try to read the future and build accordingly.

And this brings me to the consideration of our proposed new high school building, plans for which have been drawn by order of the City Council at the urgent request of the School Committee. A cut of this building with floor plans is given in this report with a description of the rooms and the purposes for which they are to be used.

It is not necessary that I should discuss here the need of a more modern high school building and a larger one than we now have. These things have been fully set forth in previous reports, and have been recognized in the action already taken. But the question has been raised by many of our citizens whether the city requires so large and expensive a building as is called for by the plans that have been prepared.

In answer to this question, I will review as briefly as possible the method that has been pursued in the preparation of the plans, and the reasons why a building of the

dimensions set forth is recommended, for it is in the size of the building and the high cost of material and labor, and not in elaborate ornamentation, that the great expense of the structure will lie.

The City Council, and the architect who was chosen to prepare the plans, Mr. Samuel C. Hunt, have from the beginning shown the utmost willingness to co-operate with the school authorities, that a building may be provided which will first of all meet the requirements of the best educational thought of the day: a building in which utility shall be the predominating idea.

Therefore a special Committee was appointed consisting of the Mayor, who is also Chairman of the School Committee; the Chairman of the High School Committee, the Chairman of the Grammar School Committee, the Chairman of the Primary School Committee, the Principal of the High School, the Superintendent of Schools, and two other citizens not connected with any city body, who should act as an advisory committee to co-operate with the architect, the Committee on City Property, and the Inspector of Public Buildings, in the consideration of plans.

A sum of money was appropriated by the Council that this committee might be able to visit and study other high school buildings in this part of the country. Moreover the Superintendent of Schools and the Principal of the High School were asked to furnish the architect with the number, kind, size and purpose of the rooms needed in the new building that its working facilities might be such as the school authorities desire, and that the school after the building is erected might be administered with the greatest economy of time and money.

First the architect, the principal and the superintendent, visited the best types of high schoolhouses in the East and studied plans of some of the best known in the

West. They gave special attention to the interior arrangements and the equipment of the buildings that they saw. Later the general committee made an examination of buildings in various places with special reference to the architecture, the material used in construction, etc.

The architect made the plans of each floor according to the suggestions of the superintendent and principal, and to their entire approval. Many meetings were held by the general committee with the architect, and after full discussion and a few modifications in the original plans submitted, the committee agreed upon the present plan.

I have gone into a somewhat full explanation of the plan pursued in the matter of our new high school building owing to the many criticisms that are rife in relation to it, and also because the method of procedure followed is unique and a trend in the right direction.

The committee in its visitations found much to condemn as well as to copy. Many instances came to its notice where the administration of schools was hampered and made more expensive because the school authorities were not sufficiently consulted in making the plans for the buildings. They found also in many places that sufficient thought had not been given to the future of the schools, either in regard to the growth or the educational changes that are fast pressing to the fore.

Now that it has been made plain how the committee proceeded to get the information by which it arrived at its conclusions in recommending the plans for the new schoolhouse, I wish to submit some reasons why it would be inadvisable to cut out any features of the building in order to reduce the cost, for that is the only means by which any material saving can be made and have a building that would be acceptable in appearance.

The plans provide for a building to accommodate a thousand pupils. Would it be wisdom to provide for any less? There are at present five hundred pupils enrolled

in the high school at its fullest period. The experience of every place that has built new high schools within the past decade, is, that they have built too small, although they allowed for a growth corresponding to that allowed here. The result has been that those places have been forced to plan for other buildings within a few years. That means divided facilities, involving more costly and less effective administration.

The new building provides for a large gymnasium, which shall also be used for a drill hall, attached to which are dressing rooms and shower baths, an assembly hall built on the theatre plan, a complete manual training plant, with rooms for instruction in the domestic arts, for laboratories and lecture rooms for the teaching of science, with a small conservatory to supply material for biological work, for a library and a museum, and for the necessary class and recitation rooms which a school of the size demands.

What of the above should be cut out in building a high school in a large, growing, prosperous New England city? This schoolhouse is not being built for a few years service, but to meet the demands of higher education in it for the next half century, perhaps longer.

The first building that was used for a high school in this city was erected in 1844 and is used now as a grammar school. The present high schoolhouse was built nearly thirty years ago and will be used for as many more years as a grammar school, or longer in all probability.

Shall the gymnasium and drill hall be left out? Most assuredly not. All who are thoroughly acquainted with the needs of the pupils in the schools will subscribe to this answer. Health and a good physique are necessary both to enjoyment of life in its fullest and to the best attainment in the affairs of life. Our schools are sadly deficient in the provisions made for the physical development of their pupils. All the best secondary schools, both public

and private, are provided with ample gymnasiums. Those that are not are known by all who have the best interests of the pupils at heart to be sadly wanting in a great essential.

Shall the assembly hall be omitted? Every high school needs an assembly hall, and no high school of any size has been built for years without one. It is necessary to assemble the school often for general purposes;—for lectures, for participation by the whole school in exercises that are of great importance,—as general religious exercises, the celebration of important days in the history of our country, for graduation, and others. These cannot be held without an assembly hall. To many of these exercises parents and other citizens come in large numbers, and it is necessary to have a hall ample enough to accommodate both the school and those who have a desire and a right to partake in these affairs of the school. In planning a large hall and locating it on the ground floor the committee has had in mind the use of this hall in many ways by the public. It is hoped by free use of the hall to make the school an educational center for the cultivation of knowledge in the community. It has come to be recognized most fortunately that schoolhouses that cost the public large sums of money may be and should be utilized for other purposes than for the five hours of school for five days in the week and for less than forty weeks in the year.

Shall the manual training and domestic arts department be cut out? To answer this in one way I would say that the Statutes of the Commonwealth require cities of 20,000 or more inhabitants to provide such instruction in connection with their high schools. We have delayed compliance with this law for some years, knowing that a new high schoolhouse would be required and then provision could be made for such instruction. But were there no such law we could not afford to build without making

ample provision for such teaching. It would be as absurd for a city like ours to do this as it would be for the great navigation companies to build steamships on the model of Fulton's first boat.

The schools have been criticised for not being practical; for being largely theoretical; and the higher schools especially for offering no opportunities to those who wish to enter the sphere of other activities than those of the professions.

Wherever manual training has been introduced it has attracted to the higher schools many pupils who find in the old style of school nothing that appeals to their tastes or desires. Under no conditions should this department fail to become an integral part of the new school, and none would prove of greater value.

The commercial department is already a part of the present school. It is no innovation. It has proven its worth and has caused many to continue their course in the high school who otherwise would not have done so. The graduates of that department are finding employment by reason of the special instruction given in commercial branches in the school. The discontinuance of this department could scarcely be considered seriously.

As for the other departments provided, the scientific and the liberal arts, theirs have long since passed beyond the pale of discussion. All accept them as necessary, and some unfortunately are inclined to think these are all sufficient.

I recognize the fact that it appears like a great undertaking to build such a high school building as has been planned, and it may seem at first sight an extravagant undertaking for the city, and one that it cannot afford. I believe in economy in the administration of public affairs. But I do not believe that it is true economy to install a plant that will not do the business for which it is needed. It is not the plan pursued in private affairs that are well

managed, and which succeed. Nor do I believe that it is economy or a good business proposition to erect a high school building that will not meet the requirements of modern education, and will not be large enough to meet the future educational needs of our city for a generation or more to come. For these reasons inadequately expressed without doubt, but with entire conviction, I recommend the plan of the building that is herewith submitted.

## THE NEW HIGH SCHOOLHOUSE.

The building, the exact plan of which is shown by the accompanying cuts, will be 172 feet wide by 321 feet long, and will contain 51,286 sq. feet of floor space. It will be three stories above the basement. The first story will be of Indiana limestone, and the stories above, a light buff brick with trimmings of the same stone as the first story.

I wish hereby to acknowledge my indebtedness to the New Bedford Morning Mercury for the cuts used here, and many items of detailed description.

### SCHEDULE OF ROOMS IN BUILDING.

17 regular rooms, seating 50 pupils each.
12 recitation rooms, seating 25 pupils each.
2 class rooms, seating 75 or 80 pupils each.

### COMMERCIAL GROUP.

2 bookkeeping and banking rooms.
1 typewriting room.

BASEMENT ROOMS.

1 forge room.
1 engine room, under manual training rooms. (For the remainder of this group see 1st, 2d and 3d floors.)
Lunch rooms, near gymnasium; boys separated from girls by serving counters.
Bicycle room, boys' and and girls'.
General sanitaries, boys' and girls'.
Occupying basement and first floor:
Assembly hall, with pitched floor, galleries on three sides, stage arrangement to seat between 300 and 400 pupils facing audience, capacity 1,200 to 1,500, exclusive of stage.
Drill hall and gymnasium, small galleries, dressing rooms and baths, near lunch rooms.

FIRST FLOOR.

Manual training group over forge room.
1 iron working room.
1 museum room.
2 teachers' rooms.
1 reception room.

SECOND FLOOR.

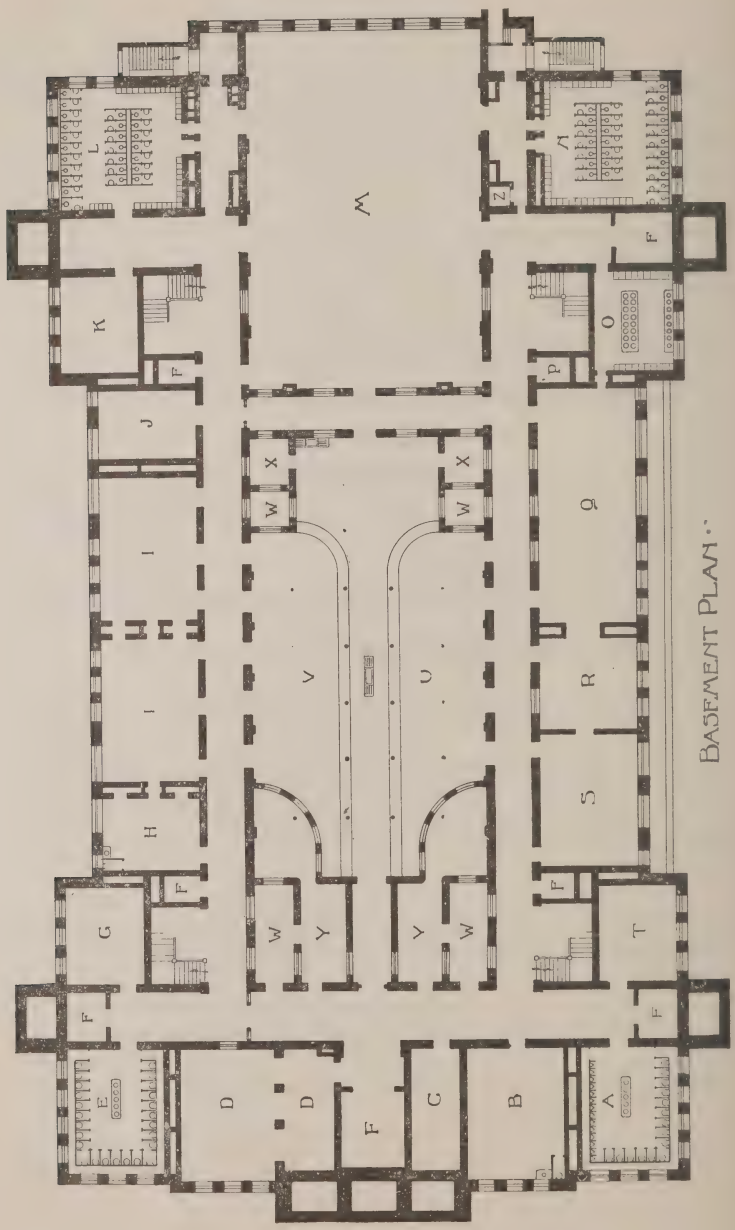
1 library in centre of building.
1 secretary's room and storeroom for text books and supplies, adjoining library on one side.
1 head master's office, adjoining library on other side.
1 lecture room, between physical and biological science groups, near centre of building, raised seats, capacity 125 to 150 pupils.
1 triple laboratory with folding partitions, 26x150 feet, for physical science group.
2 recitation rooms, physical science group.
1 instructor's room, physical science group.
1 double laboratory with folding partitions, 26x70 feet, for biological science group.
1 recitation room, biological science group.
1 instructor's work and store room, biological science group.
1 conservatory.
1 wood-turning and pattern-making room, over manual training group.
1 emergency or hospital room.
2 teacher's rooms.

THIRD FLOOR.

1 double laboratory with folding partitions, 26x70 feet, for chemical science group.
1 recitation room for chemical science group.
1 instructor's work room for chemical science group.
1 dark room for photography.
Domestic and physiology group:
1 kitchen, over the biological group.
1 instructor's work and store room.
1 sewing room.
1 physiology room.
1 drawing room, northern exposure.
1 model and store room.
1 Sloyd and general carpentry room, over manual training group.

MISCELLANEOUS.

1 freight elevator from basement to attic, located near laboratories and manual training groups.
Dome on roof for telescope.
One small sanitary for girls and one for boys on each floor for use during school hours.
Alcoves for clothing on each floor.


BASEMENT PLAN.
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X
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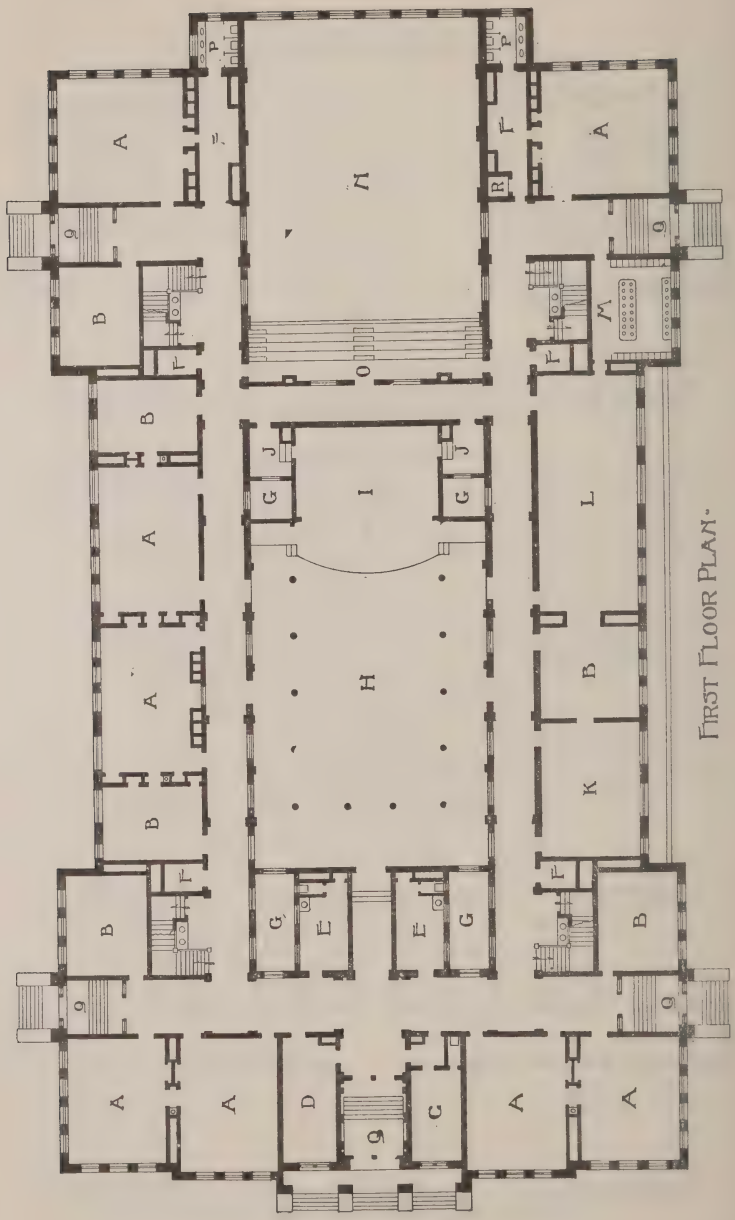
BASEMENT.

A—Boys' toilet room.
B—Janitor's room.
C—Boys' bicycle room.
D—Boys' recreation room.
E—Girls' toilet room.
F—Store rooms.
G—Girls' examination room.
H—Janitress' room.
I—Girls' recreation room.
J—Girls' bicycle room.
K—Girls' dressing room.
L—Girls' locker and bath room.
M—Gymnasium.
N—Boys' locker and bath room.
O—Boys' locker and wash room.
P—Motor and fan room.
Q—Manual training room.
R—Recitation room.
S—Spare room for M. T.
T—Boys' examination room.
U—Boys' lunch room.
V—Girls' lunch room.
W—Light shafts.
X—Closets.
Y—Fan room.
Z—Elevator.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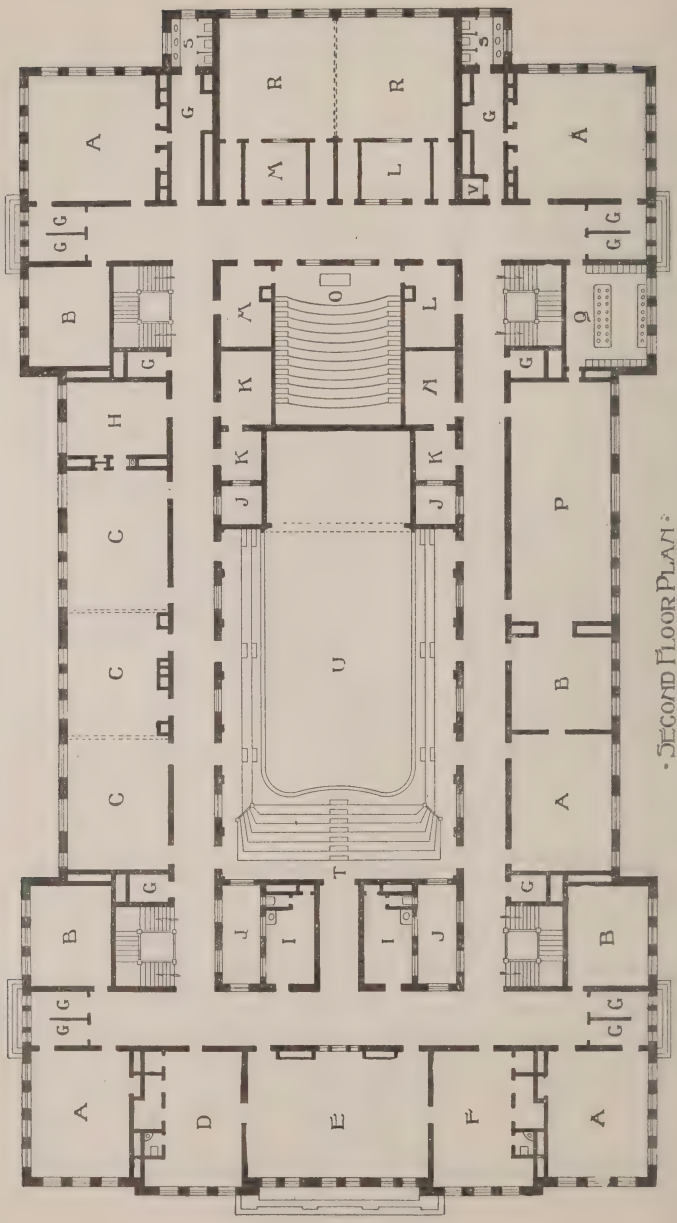
FIRST FLOOR PLAN.

FIRST FLOOR PLAN.

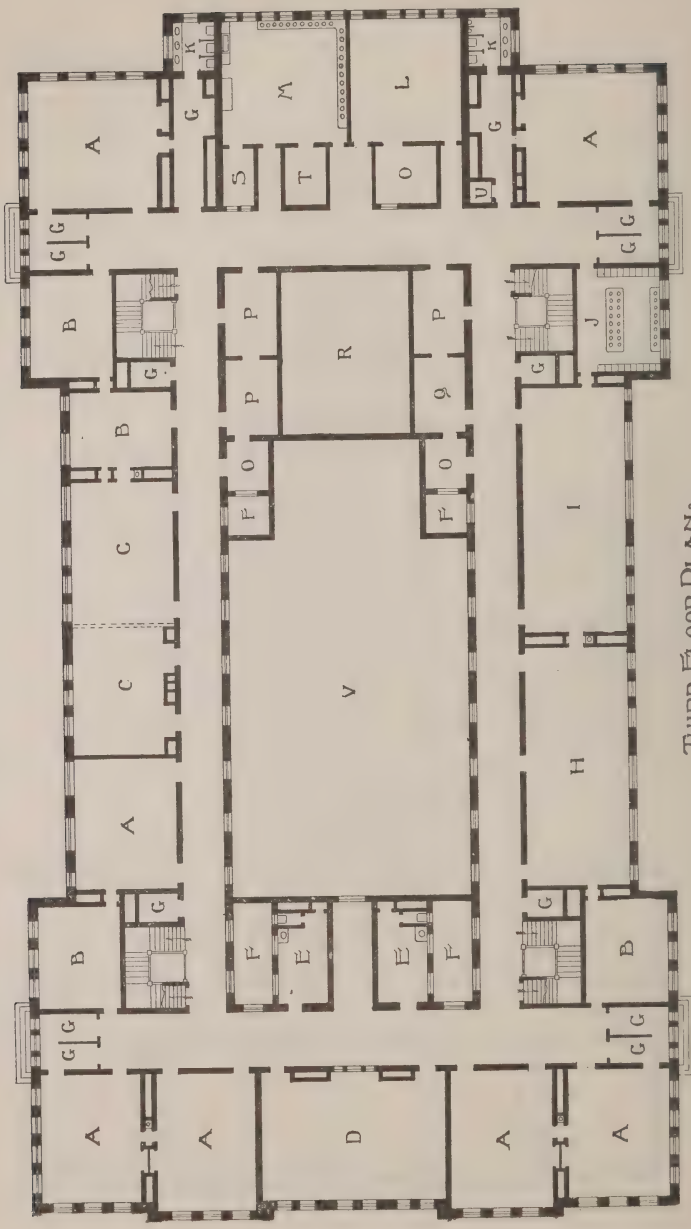
A—Class rooms.
B—Recitation rooms.
C—Reception room.
D—Cloak room.
E—Teachers' rooms.
F—Wardrobes.
G—Light shafts.
H—Assembly hall.
I—Stage.
J—Dressing rooms.
K—Museum.
L—Manual training.
M—Locker and wash room.
N—Gymnasium.
O—Gallery.
P—Toilet rooms.
Q—Vestibules.
R—Elevator.




SECOND FLOOR PLAN.

SECOND FLOOR PLAN.

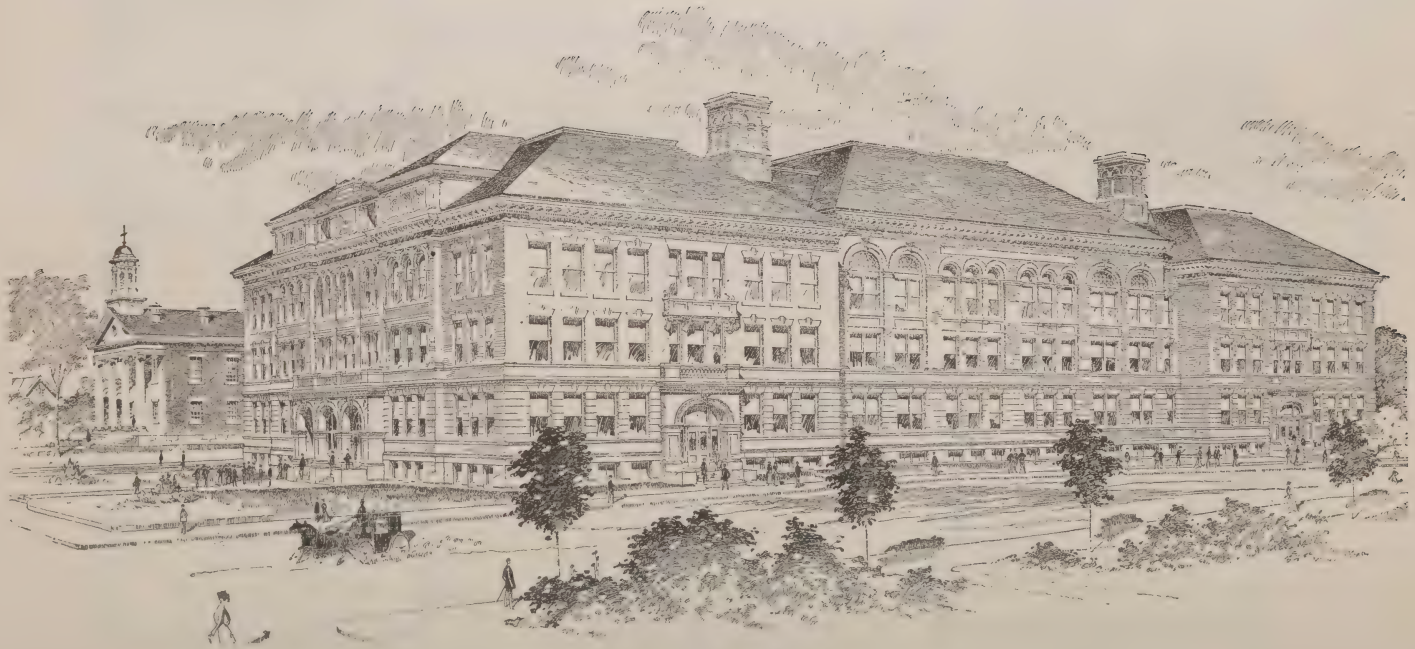
A—Class rooms.
B—Recitation rooms.
C—Physical laboratories.
D—Secretary's room.
E—Library.
F—Head master's room.
G—Wardrobes.
H—Conservatory.
I—Teachers' rooms.
J—Light shafts.
K—Store rooms.
L—Instructors' rooms.
M—Apparatus rooms.
N—Emergency room.
O—Lecture room.
P—Manual training.
Q—Locker and wash room.
R—Biological laboratories.
S—Toilet rooms.
T—Galleries.
U—Upper part Assembly hall.
V—Elevator.




THIRD FLOOR PLAN.

THIRD FLOOR PLAN.

A—Class rooms.
B—Recitation rooms.
C—Chemical laboratories.
D—Senior class rooms.
E—Teachers' rooms.
F—Light shafts.
G—Wardrobes.
H—Drawing room.
I—Manual training.
J—Locker and wash room.
K—Toilet rooms.
L—Sewing room.
M—Kitchen.
O—Store rooms.
P—Instructors' rooms.
Q—Model room.
S—Upper part lecture room.
T—Locker room.
U—Elevator.
V—Roof over assembly hall.



## THE HARRINGTON NORMAL AND TRAINING SCHOOL.

Fifteen to twenty years ago there was a strong movement in favor of establishing city training schools for teachers, and many were established. The State Normal schools numbered five, and the standard of admission to them was low. The number of trained and well educated teachers available at that time was entirely inadequate to meet the demands of the cities. They were forced to employ many graduates from the high schools who had no training whatsoever, and whose training as well as experience was gained entirely after employment at the expense of the pupils.

But a change came. The normal schools raised their standard for admission. Their facilities were enlarged,—and their pupils increased in numbers. Four more normal schools were established by the state. College graduates began to accept positions as grade teachers in the elementary schools, and it became less difficult to secure trained teachers for the schools. Cities and towns raised their standards of admission to their teaching corps, and those who intended to make teaching their occupation, found it necessary to possess a fair education and some professional training if they desired positions and were ambitious for advancement. Those, therefore, who sought adequate preparation for teaching increased rapidly.

These changes in the educational conditions caused a reaction toward city training schools. Small cities and some towns that had hitherto felt it necessary to maintain training schools, although it involved an expense they

could ill afford, gave them up. Other and larger cities in which the new normal schools had been established, or were near enough to the normal schools that their high school graduates could attend them without leaving home, no longer considered it necessary to maintain independent training schools for their young men and women who desired to teach.

New Bedford, however, and some other cities still consider it necessary to maintain schools for the special training of their teachers. All of them have raised the standards of their courses of study from what they were in the first period of their existence. The courses have been lengthened, more normal work is demanded, and the number of trained teachers whose work is observed daily by the pupil teachers has been increased.

Our normal and training school has done most excellent service in the past for the schools of the city, and can do much in the future. Its standard has been continually raised to meet the educational progress of the day. Applications for admission to it have continually increased from our own city and from adjoining towns, until the present provision for the classes is not large enough to accommodate all who pass the examinations for admission. As the number of the admission class is limited to fifteen, at the examination held in 1901 one who passed was refused admission at the beginning of the year, but was later provided for by one of the class leaving the school on account of poor health. At the examination held in 1902, two were refused admission.

That the terms for admission may be fully understood, I will give the rules of the School Committee governing admission to the school and the reasons for them.

RULES AND REGULATIONS—CHAP. XIII.

SECTION 2. The pupil teachers shall be admitted to the school by the Committee on the Normal and Training School. No person shall be eligible to admission as a pupil teacher who is not a graduate of a full four years' course in the New Bedford high school, or of a school of equal standing, and who has not passed a satisfactory examination given by the Superintendent in the month of December of each year under the direction of the committee on the school in the following branches:

Language—The English language, its grammar and literature; the power of easy and accurate composition, showing the possession of an available vocabulary and a trained ability to think and reason; the power to read with intelligence and expressive elocution.

Writing—A creditable handwriting.

Mathematics—Arithmetic ; the elements of plane geometry.

Geography and History—Physical and political geography ; general history, or the history of England and of the United States.

Sciences—Physiology, with school hygiene; the elements of physics; the elements of any one of these sciences: Botany, zoology, geology.

Music and Drawing—The rudiments of music and drawing.

Civil Government, with special reference to the United States.

This examination may be waived in the case of any candidate holding a diploma from a college or a Massachusetts normal school.

SECTION 3. No entering class shall contain more than fifteen pupil teachers. If the number of candidates who pass any examination shall exceed fifteen, preference of admission shall be given, first, to candidates residing in the city in the order of their standing; second, to non-residents in the order of their standing. The remainder, if any, shall have precedence in forming the next class over those who are successful candidates in a later examination in the order hereinbefore stated. The course of study shall be such as the Board prescribes.

SECTION 4. There shall not be in the school more than thirty pupil teachers, unless, by reason of one or more pupil teachers repeating the year, there may be an excess of this number.

The size of the classes is restricted because facilities for practice in teaching in the school are limited. As it is, with a course two years long, the school is not able to give the pupil teachers all the practice that is desirable.

The building was not erected for a normal and training school, and therefore has neither the arrangement nor space that a schoolhouse built especially for a normal and training school should have. There are so many demands for increased school accommodations in other directions that it would not be wise to ask for an addition to this building at the present time.

In this connection it is well to consider the relation of this school to the school department. Why is it maintained? What obligations has it towards the two classes of pupils who attend it, the grade children, and the pupil teachers? Its raison d'etre is primarily to prepare teachers for the schools of the city. It is a professional school whose value to the public rests in its efficiency. This fact seems to be lost sight of by some in their demands for personal consideration, when they fail to meet the conditions demanded by the school.

It is only because the School Committee has established and maintained a high standard for entrance and for graduation, that the school has proved a benefit to the schools of the city. If at any time this ceases to be the case, it would prove a positive detriment to the cause of education in the city. Again, the school has a serious duty in securing the welfare of the grade children, while it gives training to the pupil teachers. If any interests are to suffer at any time, it should be that of the pupil teachers and not the children. No school department has the moral right to train its teachers at the expense of the children, whether in the practice school or in the other schools, nor has it a moral right to retain teachers who are not efficient. The failure to recognize these things in practice, (for it is usually agreed to in theory,) is one of the deficiences of our public school system.

The school has always been fortunate in the character and ability of its principals and normal instructors. It is now also strong in its regular assistants. It is absolutely

necessary that these latter should be strong as well as the others. The pupil teachers observe and work with them, and cannot fail to be influenced much by their example. They should not only be good teachers, but loyal to the best interests of the school, refined, cultured, and discreet, and the last quality not the least desirable one. The Committee has made the maximum salary of these teachers fifty dollars a year more than the other grade teachers in similar grades, that teachers of excellent quality may be secured for these positions.

Most of the graduates of the school from the first have made good teachers. Some are doing excellent work. A few are not strong, and a small percentage have been failures. Those who today are not doing well cannot charge their want of success to the school. They are not taking as good a position as they might from lack of ambition, or from a weak personality, or insufficient education. This school at best can but point the way for the young teacher, and give her some guiding principles. If any graduate thinks she has attained in the school all that is necessary to success without future study and striving she is doomed to mediocrity at least, and perhaps failure.

I give below a few statistics supplied me by the principal, showing the number of pupil teachers in the school, the number graduated, and the amount of substituting done by them during the year. The school is of great value as a source for securing substitutes.

| | |
|---|---|
| Pupil-teachers enrolled during the year, | 31 |
| Pupil-teachers admitted to junior class, Jan. 1902, | 15 |
| Pupil-teachers admitted to junior class, Feb. 1902, | 1 |
| Pupil-teachers admitted to junior class, Sept. 1902, | 15 |
| Pupil-teachers admitted to senior class, Jan. 1902, | 15 |
| Pupil-teachers graduated, Dec. 1902, | 13 |
| Pupil-teachers admitted to junior class, Jan. 1903, | 15 |
| Pupil-teachers in senior class, Jan. 1903, | 15 |
| Days substituting by pupil-teachers, | 356 |

## KINDERGARTENS.

That kindergartens fail of appreciation by the public generally in the city is evidenced by the attendance. There are three of these schools located as follows: One in the Cedar Grove Street school, one in the Cedar Street school, and one in the Thomas A. Greene school. The attendance by month for the fall term just closed is as follows for the three schools:

| Average No. Belonging. | | Average Daily Attendance. | |
|---|---|---|---|
| January, | 97 | January, | 72 |
| February, | 101 | February, | 73 |
| March, | 102 | March, | 85 |
| April, | 102 | April, | 90 |
| May, | 119 | May, | 99 |
| June, | 112 | June, | 88 |
| September, | 93 | September, | 81 |
| October, | 116 | October, | 93 |
| November, | 121 | November, | 95 |
| December, | 105 | December, | 73 |
| Total, | 1068 | Total, | 849 |
| Total average, | 107 | Total average, | 85 |

There was, as shown above, a total average number belonging of 107 pupils and a total average daily attendance of 85 for the three schools. As there are two teachers in each school, the average number of pupils taught each day by a teacher was fourteen. These schools are in session in the morning only. The salaries of the teachers for the year amounted to $3,350, or an average of nearly $40 per pupil. For salaries alone, and for half day sessions, it must be apparent, that the cost of maintenance as compared with the other departments is excessive. A primary teacher of the next year is required

to teach 49 pupils if necessary, and the average number to a primary teacher is something over 40, and there are two sessions.

I do not wish to be classed as an opponent of kindergartens. I believe in the underlying principles of the kindergarten most thoroughly. I believe that it would be an excellent thing if most of the children of our schools could have the advantages of the kindergarten. But when under the most favorable conditions they are not half attended, when also primary pupils are crowded out of the buildings to make room for the kindergarten, and when the increasing cost of the schools is causing dissatisfaction that may at any time affect a more important department, it becomes the duty of the Superintendent to lay the facts as they are before the Committee and the public.

I am sure that the teachers are in no wise at fault because there is not better patronage of these schools. Their spirit toward their work is excellent; their zeal unflagging, and their teaching ability generally good. I wish to add that it may seem that the facts set forth are inspired by a purely commercial spirit. Not so. But school authorities must consider the cost as related to educational values, and if everything desirable cannot be had, they must eliminate those that they believe can be best dispensed with.

## EVENING SCHOOLS.

Among the tables will be found the attendance and other data relating to the evening schools. The report of attendance covers the period between October, 1901, and March, 1902. It is made out by terms. The data of this and previous years covers the period of each calendar year. Hereafter, they will correspond to the regular school year, and harmonize with the change made in the state register requirements.

A high school, five elementary schools, a drawing school, and a class in Portuguese have been maintained. They require 88 teachers. They are located in the very best of our school buildings, namely, the High School, the Phillips Avenue, the J. H. Clifford, the Parker street, the Fifth Street, and the R. C. Ingraham schoolhouses. The drawing school holds its sessions in the Textile School building. Experienced and trained teachers are employed. Unfortunately, it is necessary to draw upon the day school corps for most of them. I say unfortunately, because I believe that it is too much a tax upon the great majority of the day teachers, especially upon the women teachers, to teach in both. But these schools cannot be maintained otherwise.

The efficiency of these schools is much impaired by the irregular attendance. With an enrollment of 2,237 in the elementary schools, there is a nightly attendance of 1,147 only. Owing to constant changes that occur in the mill population, which is the chief source of supply for the elementary schools, I do not think that more than two-thirds even of the average attendance are in the schools during the whole period of their sessions. The high and drawing schools suffer from the same cause.

There are many, however, who appreciate these schools and are materially benefited by them. If the population of the city was stable for five years, illiteracy among minors would be reduced to an unappreciable quantity. But that class of persons is being constantly reinforced by newcomers from either foreign countries, where illiteracy prevails, or from states where school laws are not as strict as in Massachusetts.

If the Committee desires to extend the sphere of usefulness of the evening schools, it can do so in no better way than by opening schools for instruction in manual training and the domestic arts.

## SCHOOLHOUSE DECORATION.

Considerable has been done towards adorning the schoolhouses under the direction of the Art Committee of the School Board. Several years ago a committee of teachers in conjunction with the Art Committee selected a list of pictures and casts which were considered suitable for school decoration. This list, to which from time to time others are added by the Art Committee, is followed in selecting works of art for the schools.

It was decided to begin with the assembly halls of the high and grammar schools, and purchase pictures and statuary for these as funds became available before attempting anything definite in the class rooms. Money has been appropriated from time to time for this purpose from the income of the Sylvia Ann Howland Educational fund, and other funds have been raised by the teachers in various ways, either for the general fund or for their individual schools.

By the end of the coming year, the assembly halls that permit the hanging of pictures or the placing of casts in them, (unfortunately one or two do not lend themselves to this purpose,) will be well supplied with both. Members of the Committee on Expenditures have generally co-operated cordially with the Committee on Art, and in tinting the walls and ceilings, have carried out the wishes of the latter Committee with the result of great improvement, both in the color harmony of the rooms and halls and in their hygenic attributes.

## MEDICAL INSPECTION AND DEFECTIVE PUPILS.

It is now about three years since medical inspectors were appointed for the schools. There were but two inspectors until very recently, when two more were appointed by the Board of Health, and the two former districts divided into four.

I am convinced that the form of medical inspection established in our schools is of good effect in restricting the spread of contagious diseases, and helpful in directing attention to functional diseases of pupils. If all parents would act promptly in suggestions made by the inspectors to them in regard to matters pertaining to the health of their children, especially in regard to their functional diseases, the good results would be greatly increased. There are many pupils in the schools who are suffering from defective eyesight, from defective hearing, from nervous affections or some other form of bodily ailment that only a careful study can determine, who, in many instances, especially those that are not apparent to the casual observer, are not yet reached by the present method of medical inspection. If these could be treated in the incipient stages of their diseases, future impairment of the health might not result.

It may be said, that it is the province of the parents to do this. It is true that the chief responsibility of caring for the health of their children rests with the parents. But unfortunately, in a city like ours, there are many parents who either through ignorance fail to realize the needs of their children, or, recognizing these needs, by reason of poverty do not provide for them.

The function of public education is to secure to the State an intelligent and useful body of citizens. The usefulness of a citizen is dependent in large measure on his health. With loss of general health or by impairment of some organ of the senses, he may become a charge upon the State instead of a support. Is it not therefore, the duty of the State to insist that the bodies of the pupils shall be properly cared for as well as their minds and morals?

There is another class of pupils, which unfortunately seems to be on the increase, who are especially deserving of consideration. It is composed of those who are mentally defective. I do not refer to those who are simply dull, or who from lack of opportunity are far below grade, but to those who are so wanting in mental power that they are unable to acquire the rudiments of knowledge under the form of instruction that the organization of the schools provide. These have no place among normal pupils. Keeping them in the ordinary school is a detriment both to themselves and to the other pupils. Distinct schools should be provided for them, and teachers placed in charge specially trained for teaching the work, and imbued with a love for it. Some of these unfortunates are a disturbing element in the schools, although many of them are not, but they are all a detriment. The nervous wear that one of them causes a teacher is sometimes greater than that of all the rest of the school. While, as I have said, the present medical inspection is productive of good, it yet fails in that thoroughness which is so essential to the welfare of the pupils; nor can it be the guide to the teachers that it might be in the requirements they exact of their pupils.

To be effective, the inspection should be systematized. It should provide for a thorough examination of every pupil in the schools, and the results of each individual examination recorded in books specially prepared for that

purpose. A case of functional disorder of a pupil should be reported to his parent, and treatment urged where it is not already being given. If any parent is too poor to provide proper medical treatment, it should be done at public expense.

The first examination would require considerable time from the inspectors. But after the first examination was given and a record made, it would not take much time to examine each new comer from outside the city. Pupils who move from one school district to another in the city should take a card with them which should show the results of these examinations, and a record be made in his new school.

With such an examination and record, the school authorities would be able to classify pupils with some consideration of their physical conditions, excusing some from taking full courses, and in others requiring only partial attendance at school. Exact, intelligent information could be brought to the school authorities also in relation to the mentally defective, which would probably result in the School Board providing a special school for them, and the parents consenting to their children attending it.

A new Statute in regard to measles has tended to increase the absences of children because of exposure to contagious disease, and has proved a source of much annoyance to parents, school authorities and Board of Health. It seems more exacting than is necessary, many children being excluded on account of it where attendance would not endanger any one. It subjects parents it seems to me to unnecessary trouble, and often an unwarrantable expense. The law is as follows:

"A child who has not been vaccinated shall not be admitted to a public school except upon presentation of a certificate signed by a regular practising physician that he is not a fit subject for vaccination. A child who is a member in a household in which a person is

ill with smallpox, diphtheria, scarlet fever or measles, or of a household exposed to such contagion from another household as aforesaid, shall not attend any public school during such illness or until the teacher of the school has been furnished with a certificate from the board of health of the city or town, or from the attending physician of such person, stating that, in a case of smallpox, diphtheria or scarlet fever at least two weeks, and in a case of measles, at least three days, have elapsed since the recovery, removal or death of such person, and that danger of conveying such disease by such child has passed."

The inspectors reported the number of cases of pupils examined by them from January 1st, 1902 to January 1st, 1903, to be 3,874. The number of cases of various diseases noted were 946. The number of cases recommended to be sent home and excluded from school until recovery was 59. The parents of those not excluded were notified that treatment was needed, and in most cases prompt attention was given to them. With more thorough inspection as recommended above, very many more cases would be found especially in defective vision, in defective hearing, and in mental deficiency.

In this connection it is interesting to note the number of cases of the virulent contagious diseases reported to my office by the Board of Health during the same period: Scarlet Fever, 133; Diphtheria, 83; Measles, 26; Smallpox, 18; Scarlatina, 4; Membranous Croup, 9; Leprosy, 1. When cases of contagious diseases are reported to the office, notice is sent to all the schools where pupils would attend from the affected household, and all these are excluded as specified in the law quoted above. Unfortunately, some cases of scarlet fever and many cases of measles are not reported to the Board of Health, no physician being employed by the parents of the sick children. This without doubt increases the spread of contagious diseases.

## TEACHERS.

One of the most important acts of the Committee in the year was the change in the schedule of salaries. From the first of January, 1903, increases in the maximum salaries of the following positions are to go into operation:

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| Principal of High School, | $2,750 to $3,000 |
| Sub-master of High School, | 1,700 to 1,900 |
| Commercial teacher of High School, | 1,400 to 1,500 |
| Women assistants of High School, | 900 to 1,000 |
| Science teacher of High School, | 1,700 to 1,800 |
| Military instructor of High School, | 300 to 350 |

### NORMAL AND TRAINING SCHOOL.

| | |
|---|---|
| Principal, | $1,700 to $1,900 |
| Vice-principal, | 1,100 to 1,200 |
| Grade teachers, | 600 and 650 to 675 |

### GRAMMAR SCHOOLS.

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|---|---|
| Grade teachers, 5th, 6th and 7th grades, | $600 to $625 |
| Grade teachers, 8th grade, | 600 to 675 |
| Grade teachers, 9th grade, | 675 to 750 |

### PRIMARY SCHOOLS.

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|---|---|
| Principals in charge 4 or 5 rooms inclusive, | $600 and $625 to $700 |
| Principals in charge 6 or 7 rooms inclusive, | 650 and 675 to 750 |
| Principals in charge 8 to 11 rooms inclusive, | 700 and 775 to 800 |
| Principals in charge 12 to 14 rooms inclusive, | 800 to 900 |
| Principals in charge 15 rooms or more, | 875 to 950 |
| Grade teachers, | 550 to 625 |

UNGRADED SCHOOLS.

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|---|---|
| Acushnet principal, | $900 |
| Acushnet grades 1st to 7th inclusive, | $550 and $600 to 625 |
| Acushnet grade 8th, | 600 to 675 |
| Rockdale principal and grammar grades, | 600 to 700 |
| primary grades, | 550 to 625 |
| North School principal and grammar grades, | 600 to 700 |
| primary grades, | 550 to 625 |
| Teacher of French and grammar grades, | 600 to 800 |
| Supervisor of sewing, | 600 to 650 |

The advance in the salaries of the high school teachers was made for the purpose of securing and retaining the best of teaching ability in that school. The salaries hitherto paid, did not seem to meet that end. I feel, however, that the interests of the high school would be best subserved without any fixed schedule. The work there is departmental. Good teachers for one department are to be secured easier than for another. It is often desirable to pay several hundred dollars more than the schedule salary for some especially good teacher, while some other positions could be filled at a lower salary than the schedule calls for. There are factors that operate in high class positions that do not in lower.

In the grammar schools, the increase in the ninth grade salary is for the purpose of securing in the future teachers of broader education and ability than the old salary would command. It would be well if college graduates with training and successful experience were employed in these grades. The eighth grade salary has been made larger than that of the lower grammar grades for the same reason that the ninth grade was advanced. It is to be the future policy of the Board to appoint to the eighth grade teachers only of successful experience in the lower grades and whose scholarship is good.

All grades below the eighth have been advanced, the lower grammar grades $25 a year, and the primary grades

$75 a year. The primary teachers in the past have been paid especially low salaries in this city in comparison with the other salaries, and considering the value of their work. Many cities have for years paid all teachers below the highest grade grammar the same salary. I have long been an advocate of an increase in salaries, especially in those of the primary teachers.

In a city like ours, the primary teachers have a peculiarly onerous and responsible position. While there may not be as high intellectual attainment needed by them as by those in the higher positions, they need other qualifications of equal value to be successful.

In the special departments the new schedule calls for few changes. The value of the service performed came up for general consideration in determining them. There is probably less agreement among school administrators in relation to the amount of salary that should be paid the different supervisors and teachers of special subjects than in any matter pertaining to salary schedules.

With the increase in salaries, the grade teachers will receive scarcely more than enough to live respectably, and by the practice of strict economy save a small amount each year. Every teacher ought to have a good home, and good food; should be able to dress neatly and have something to spend for books and for recreation. She should also be able to save something in case of illness and for the future. Surely the grade teacher cannot, even with the present schedule of salaries, have these things and save very much. I believe that this will be recognized by every considerate citizen.

If, however, teachers are recognized by the public as deserving a salary somewhat in advance of the average wage-earner, this recognition places upon them obligations which they should appreciate and repay in character of service.

I have often in my reports referred to the worth, ability and skill of the majority of teachers in the city. At the present time, by far the greater number are graduates of a state normal school, or of our city normal and training school, or of a college. Many of the others by long experience and study have become strong teachers. On the other hand, there are some who are not progressive. They either do not think it necessary to study and to strive to keep apace with the educational advance; or, if they do, they fail to apply their knowledge successfully.

This class is not restricted to the older teachers or to those who have not had the benefit of normal or college training. Such teachers are not patrons of the pedagogical library provided by the Board. I know teachers who have taught here for years, who did not know until recently that there was such a library, although a catalogue of it had been published in the annual reports many times. These teachers are not readers of professional papers and periodicals; nor are they zealous in seeking the best methods of teaching. All teachers to do the best work, must be students as well as good observers. Teachers of meagre knowledge do not appreciate the fact that they lose every day golden opportunities to broaden the scope of their instruction. Their lessons are dry and uninteresting, and deal only with the bare facts given by the text books. Their ignorance often goes farther, and leads to false teaching of the facts themselves. They are blind guides leading the blind. They plod along familiar ways fairly well, but when once they leave the beaten path they stumble and fall.

Teachers who are high minded, diligent, progressive, full of knowledge, firm and just in their control, sympathetic and refined, exert always an immeasureable influence over their pupils, and the results extend through their lives. If the increase in salaries of the teachers here

will have the effect of increasing the number of teachers of this class, it will be a wise expenditure. If it does not have such an effect, it will fail of essential benefit to the schools. It is within the power of the Board to make the higher schedule of salaries strengthen the teaching force along those lines where it is most needed.

## OTHER RECOMMENDATIONS.

I have referred in this report in another connection to the general trend throughout the country toward readjustment in the organization of schools. With this idea I am in sympathy, but I think the problem must be worked out in each city with due regard to its own conditions. The organizations of our schools differ from most. The elementary schools, not including the kindergarten, embrace nine years. The first four are classified as primary, and the next five as grammar, and our grammar grades are housed in different buildings from the primary. In many places all grades are to be found in the grammar school buildings.

I believe that with us the grammar grade course can be made much stronger and the pupils benefited materially by a radical change in the ninth grade studies, and by offering an option of a modern language in the eighth. Latin and French have been offered as options in the ninth grade for two years. But the work in that grade can be made to articulate better with the high school than it now does, and the pupils who do not intend to enter the high school be as well off as they now are, or better.

I would therefore recommend, that, beginning with next September, French be offered as an option in the

eighth grade; that French and Latin be offered as options in the ninth grade: that all who intend to take French in the ninth grade shall begin it in the eighth grade; that all who intend to take Latin in the high school, begin it in the ninth grade; that hereafter there shall be no beginners class in Latin in the high school.

I would also recommend that algebra and constructive geometry form parts of the course of the ninth grade in place of arithmetic for the whole year; that the English in the ninth grade be brought into better co-ordination with the English of the high school than it is at present; that the course in elementary physics in the ninth grade be dropped entirely, and some other form of elementary science work be substituted.

I do not care to elaborate a plan here, or to give my reasons why these changes are recommended, preferring to present those to the Board directly.

I have urged upon the Board for some years, the abolition of the three small country schools, and the conveyance of the pupils from them to graded schools. Each year convinces me that this should be the policy of the Board. It is harder each year for these schools to give the pupils in them advantages at all equal to those enjoyed by the graded schools. That they may have any of the time of the supervisors of music and drawing, necessitates visits by those teachers, requiring much more of their time than the number of pupils warrants. Most of the pupils are deprived of the instruction in manual training and the manual arts. Classes are many, and so small that the teachers cannot do them justice, and the pupils suffer from the want of the proper stimuli that larger classes and many minds produce. They are a bad type of school, and I am sure were the proper provision made for consolidating them with larger schools, after a fair trial neither pupils or parents would desire to return to present conditions.

## CONCLUSION.

I always feel that I cannot conclude a report without thanking the Committee for its consideration and forbearance, the teachers for their earnest efforts to give the children their very best, and the public for the generous provisions made by it for the welfare of both pupils and teachers.

Its repetition may seem perfunctory. It is not. It is sincere on my part and deserved by them.

Respectfully submitted,

WM. E. HATCH,
Supt. of Schools.

## PEDAGOGICAL LIBRARY.

This library is provided by the School Board for the use of teachers. It is located at the office of the Superintendent of Schools and is accessible when the office is open.

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| 1. | The History of Pedagogy. | Compayre. |
| 2. | The Elements of Pedagogy. | White. |
| 3. | Systems of Education. | Gill. |
| 4. | John Amos Comenius. | Laurie. |
| 5. | Essays on Educational Reformers. | Quick. |
| 6. | Particular Systems of Education, Phil. of Edu., Part III. | Rosenkranz. |
| 7. | Higher Schools and Universities in Germany. | Arnold. |
| 8. | Some Thoughts Concerning Education. | Locke. |
| 9. | Emile (or Concerning Education). | Rosseau. |
| 10. | Leonard and Gertrude. | Pestalozzi. |
| 11. | Levana, or The Doctrine of Education. | Richter. |
| 12. | The Education of Man. | Froebel. |
| 13. | Education. | Spencer. |
| 14. | Lectures and Annual Reports, Vol. I. | Mann. |
| 15. | " " " " II. | " |
| 16. | " " " " III. | " |
| 17. | Lecture on the Science and Art of Education. | Payne. |
| 18. | The Philosophy of Education. | Tate. |
| 19. | The Elements of Pedagogy. | White. |
| 20. | On Teaching: Its Ends and Means. | Calderwood. |
| 21. | The Principles and Practice of Common School Education. | Currie. |
| 22. | Lectures on Teaching. | Fitch. |
| 23. | " " | " |
| 24. | Methods of Historical Study. | Freeman. |
| 25. | Methods of Teaching History. | Hall. |
| 26. | How Shall My Child Be Taught? | L. P. Hopkins. |
| 27. | Theory and Practice of Teaching. | Page. |

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| 28. | Talks on Teaching. | Parker. |
| 29. | Art of School Management. | Baldwin. |
| 30. | " " " | " |
| 31. | School Management. | Landon. |
| 32. | On Teaching Geography. | Geikie. |
| 33. | Education and Educators. | Kay. |
| 34. | Scholemaster. | Ascham. |
| 35. | Outline Study of Man. | Hopkins. |
| 36. | School Economy. | Wickersham. |
| 37. | School Room Guide. | DeGraff. |
| 38. | Manual of Method and Organization. | Robinson. |
| 39. | Lectures on Geography. | Strachey. |
| 40. | The Action of Examinations. | Latham. |
| 41. | Object Lessons. | Walker. |
| 42. | The True Order of Studies. | Hill. |
| 43. | Theory and Practice of Teaching. | Thring. |
| 44. | School Journal, Vol. I. | Mann. |
| 45. | " " " II. | " |
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| 58. | Methods and Aids in Geography. | King. |
| 59. | " " " | " |
| 60. | Contributions to the Science of Education. | Payne. |
| 61. | Power and authority of School Officers and Teachers. | |
| 62. | " " " " | " |
| 63. | Compayre's Lectures on Pedagogy. | Payne. |
| 64. | Rosmini's Method in Education. | Grey. |
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| 100. | Reminiscences of Froebel, by Von Bülon. | Translated by Mrs. Horace Mann |
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| 111. | Methods of Teaching Geography. | Crocker. |
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| 113. | Three Lectures on Education. | Dr. Oppler. |
| 114. | Chips from a Teacher's Workshop. | Klemm. |
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| 118. | Day Dreams of a Schoolmaster. | Thompson. |
| 119. | Autobiography of Froebel. | |
| 120. | Educational Theories. | Browning. |
| 121. | A Tractate on Education. | Milton. |
| 122. | Securing and Retaining Attention. | Hughes. |
| 123. | Three Essays—Study of English Literature. | Blaisdell. |
| 124. | Old Greek Education. | Mahaffy. |
| 125. | Locke's Conduct of the Understanding. | Fowler. |
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| 127. | Cultivation of the Memory. | |
| 128. | Cultivation of the Senses. | |
| 129. | On Discipline. | |
| 130. | On the Use of Words. | |
| 131. | On Class Teaching. | |
| 132. | Handbook of Punctuation. | Bigelow. |
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| 152. | Industrial Education. | Seidel. |

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175. History of Rome. M. Creighton.
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182. Geography. George Grove.
183. Physical Geography. Prof. Geikie.
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189. The Development of the Roman Constitution. Ambrose Tighe.
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191. Exercises in Wood-Working. Sickels.

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| 192. | First Lessons in Wood-Working. | Alfred G. Compton |
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| 194. | Graded Didactics, Vol. I. | " |
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| 213. | How to Know the Wild Flowers. | Dana. |
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| 216. | A Year Among the Trees. | Wilson Flagg. |
| 217. | Trees in the Northern U. S. | Apgar. |
| 218. | From Seed to Leaf. | Newell. |
| 219. | "Manu et Mente" Working Drawings in Sloyd. | Gustaf Larsson. |
| 220. | Report of the Commission on Manual Training and Industrial Education. | |
| 221. | Lange's Apperception. | De Garmo. |
| 222. | Inventional Geometry. | Wm. Geo. Spencer |
| 223. | " " | " " " |
| 224. | Trees of N. E. America. | Chas. S. Newhall. |
| 225. | Shrubs of N. E. America. | " " |
| 226. | Human Body. | Martin. |
| 227. | Commissioners' Report on Manual Training. | |
| 228. | Report of the Committee of Ten. | |
| 229. | Talks on Pedagogics. | Parker. |
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| 232. | Outlines of Pedagogics. | Rein. |
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| 234. | How to Know the Wild Flowers. | Mrs. Wm. Starr Dana. |
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| 243. | Evolution of the Massachusetts Public School System. | Geo. H. Martin. |
| 244. | Education from a National Standpoint. | Fouillée. |
| 245. | Pedagogics of the Kindergarten. | Froebel. |
| 246. | Symbolic Education. | Susan E. Blow. |
| 247. | Moral Instruction of Children. | Adler. |
| 248. | How to Study and Teach History. | Hinsdale. |
| 249. | Principles of Education Practically Applied. | Greenwood. |
| 250. | Systematic Science Teaching. | Howe. |
| 251. | Studies of Childhood. | Sully. |
| 252. | Geography, Physical, Historical and Descriptive. | Keith Johnston. |
| 253. | Elements of Geology. | Le Conte. |
| 254. | Talks on Pedagogics. | Parker. |
| 255. | Grasses and Forage Plants. | Flint. |
| 256. | How to Study Geography. | Parker. |
| 257. | In the Child's World. | Poulsson. |
| 258. | Elementary Physical Geography. | R. S. Tarr. |
| 259. | The New Psychology. | E. W. Scripture. |
| 260. | Psychology. | William James. |
| 261. | Handbook of Psychology, "Feeling and Will." | Jas. M. Baldwin. |
| 262. | " " "Senses and Intellect." | Jas. M. Baldwin. |
| 263. | Cuoré, an Italian Schoolboy's Journal | De Amicis. |
| 264. | Physical Culture. | Louise Preece. |
| 265. | Art for the Eye. | Ross Turner. |
| 266. | Architectural Styles. | Rosengarten. |
| 267. | How to Enjoy Pictures. | M. S. Emery. |
| 268. | The World's Painters. | Deristhe L. Hoyt. |
| 269. | Elementary History of Art. | N. D'Anvers. |

| | | |
|---|---|---|
| 270. | Art and the Formation of Taste. | Lucy Crane. |
| 271. | How to Judge of a Picture. | Van Dyke. |
| 272. | The Claims of Decorative Art. | Walter Crane. |
| 273. | History of Art. | Goodyear. |
| 274. | A History of Painting. | Van Dyke. |
| 275. | A History of Sculpture. | Marquand and Frothingham. |
| 276. | How to Teach Reading in the Public Schools. | S. H. Clark. |
| 277. | Interior Decoration of Schoolhouses. | W. G. Page. |
| 278. | The Educational Idea. | Munroe. |
| 279. | The Connection Between Thought and Memory. | Lukens. |
| 280. | Psychologic Foundations of Education. | Harris. |
| 281. | Physical Nature of the Child. | Rowe. |
| 282. | Method in History. | Mace. |
| 283. | " " | " |
| 284. | The School and Society. | John Dewey. |
| 285. | The Art of Teaching. | D. Salmon. |
| 286. | Exercises in Geography. | C. H. Leete. |
| 287. | Readings in Folk-Lore. | Hubert M.Skinner |
| 288. | American Public Schools. | Swett. |
| 289. | History of Education. | Seeley. |
| 290. | Raphael. | Estelle M. Hurll. |
| 291. | Michaelangelo. | " " |
| 292. | Rembrandt. | " " |
| 293. | Millet. | " " |
| 294. | Bent Iron Work. | Erskine. |
| 295. | Egypt: The Hand of the Temple Builders. | Walter S. Perry. |
| 296. | Composition. | Arthur W. Dow. |
| 297. | The Development of the Child. | Oppenheim. |
| 298. | Jungle Book, 1st Book. | Kippling. |
| 299. | " " 2nd " | " |
| 300. | " " 1st " | " |
| 301. | " " 2nd " | " |
| 302. | Tennyson's Poems. | |
| 303. | Stories and Poems for Children. | Thaxter. |
| 304. | German Household Tales. | Grimm. |
| 305. | Adventures of a Brownie. | Miss Mulock. |
| 306. | " " " | " " |
| 307. | Friends and Helpers. | Sarah J. Eddy. |
| 308. | The New Basis of Geography. | Redway. |
| 309. | Plans for Busy Work. | Sarah Louise Arnold. |

| | | |
|---|---|---|
| 310. | Thinking and Learning to Think. | Schaeffer. |
| 311. | " " " | " |
| 312. | The Art of Teaching. | Emerson E. White. |
| 313. | " " " | " " |
| 314. | Architectural Wrought Iron. | Wm. Winthrop Kent. |
| 315. | " " " | " " |
| 316. | An Ideal School. | Search. |
| 317. | Old Stories of the East. | Baldwin. |
| 318. | " " " | " |
| 319. | Elements of the Theory and Practice of Cookery. | Williams and Fisher. |
| 320. | Introduction to Psychology. | Calkins. |
| 321. | Educational Aims and Educational Values. | Hanus. |
| 322. | Art History in Outline. | Nye. |
| 323. | School Management. | Landon. |
| 324. | Notes of Lessons for Young Teachers. | John Taylor. |
| 325. | Teaching as a Business. | Bardeen. |
| 326. | Exercises in Mind Training. | Catharine Aiken. |
| 327. | Right Living. | Susan H. Wixon. |
| 328. | First Lessons in Reading. | Elizabeth H. Fundenberg. |
| 329. | Helps in Teaching Reading. | Martha S. Hussey. |
| 330. | Nature's Garden. | Neltje Blanchan. |
| 331. | Mother Stories. | Maud Lindsay. |

1903. CITY DOCUMENT No. 7.

# Twenty-fourth Annual Report

OF THE

# BOARD OF HEALTH

OF THE

## CITY OF NEW BEDFORD

TO THE CITY COUNCIL

FOR THE YEAR 1902.

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NEW BEDFORD, MASS.
THE A. E. COFFIN PRESS, CITY PRINTERS.
1903.

TYPOGRAPHICAL
UNION
LABEL
NEW BEDFORD

# REPORT.

OFFICE OF THE BOARD OF HEALTH,
NEW BEDFORD, January 1, 1903.

*To His Honor the Mayor, and Gentlemen of the City Council:* —

GENTLEMEN — In presenting the 24th Annual Report of this department, we can but repeat much which we have already covered in previous reports. The early part of the year, save in the development of eighteen (18) cases of small-pox, there were but few cases of contagious disease as compared with previous years, but beginning with October, scarlet fever and diphtheria developed to such an extent that the number of cases in the two months then following was greatly in excess of the nine months previous. The disease was principally found in the tenement houses in the north-east section of the city. In this connection we would again point out the necessity for a contagious disease hospital for the treatment of scarlet fever and diphtheria. Such an institution would have proven invaluable during the rapid spread of scarlet fever in that thickly settled district. During the year there were 144 cases of scarlet fever, 115 of which were reported in the last three months of the year. This disease the past year has been of an unusually severe type and from this cause alone there have been 31 deaths.

In the matter of a medical inspection of the public and parochial schools, we feel that more frequent visits to each and every school in the city should be made.

When the contract for collection and disposal of garbage was originally made in 1896, it was agreed to make collections only in that territory bounded on the north by Nash road, on the south by Cove road to Dartmouth line, on the west by Rockdale ave. Occasionally the New Bedford Product Co. made collections outside of this district of its own volition, but the demand in the fast growing sections, north and south, made it necessary that residents outside of the contracted for district should have the same service as those residing in the centre of the city. Bids were advertised, and the New Bedford Product Co. being the lowest bidder, an additional contract covering the entire city was made with that corporation. The handling of night soil also proved a difficult problem to solve, especially as the summer months were near at hand before an adjustment could be reached. After careful inquiry into the methods in use elsewhere, a provisional contract was made with the same concern. These three contracts, the two additional and the original, expire June 1, 1906.

During the year there were 615 free vaccinations. Of this number 51 were revaccinated.

During the year the following persons were licensed as plumbers:

| MASTER | JOURNEYMAN |
|---|---|
| Benj. G. Brown, | Alonzo W. Spooner, |
| James E. McGoff, | Chas. H. Stowell, |
| Wm. H. Mudge, | Frank E. Lynch, |
| Alfred L. Belanger. | John T. Murphy, |
| | Wm. H. Mudge. |

The following plumbers renewed licenses of the previous year:

| MASTER PLUMBERS | JOURNEYMEN |
|---|---|
| Martin V. B. Cahoon, | Chas. L. Allen, |
| Percy C. James, | Patrick Loftus, |
| Azaire Bolduc, | W. S. Raphael, |
| Edw. Gregory, | D. J. Dempsey, |
| J. P. Reilley, | Alex. M. Pease, |
| E. P. Hirst, | John Enos, |
| Henry J. Gurl, | Patrick Haughey, |
| J. F. Haughey, | Jas. M. Murphy, |
| Michael L. Sylvia, 2nd, | Wilfrid Bacon, |
| J. V. O'Neil. | Jas. J. Phelan, |
| | Chas. Kennedy, |
| | John T. Conway, |
| | Walter P. Bailey, |
| | W. H. Barry, |
| | Jas. W. Turner, |
| | Chas. Mellor. |

During the year 1902, the following persons were granted licenses as undertakers:

| | |
|---|---|
| Robert G. Bennett, | John Rogers, |
| John F. Rogers, | W. C. Vaughan, Jr., |
| Chas. E. Vaughan, | John E. Moriarty, |
| Robert J. Curry, | Vital Girard, |
| Adolph P. Lagasse, | J. D. Sullivan, |
| E. T. Wilson, | H. P. Wilson, |
| T. J. Murphy, | Simon Simanski, 2nd, |
| A. Desautels, | Leon Goldstein, |
| J. S. Williams, | Jos. Carriere, |
| Henry Proulx, | E. R. Gravel. |

## EXPENDITURES FOR THE YEAR ENDING NOV. 30, 1902.

| | |
|---|---|
| Dec., 1901, | $1,825.92 |
| Jan., 1902, | 1,811.41 |
| Feb., " | 1,870.45 |
| Mar., " | 1,978.43 |
| April, " | 1,893.05 |
| May, " | 2,273.39 |
| June, " | 3,091.84 |
| July, " | 2,693.67 |
| Aug., " | 2,632.44 |
| Sept., " | 2,901.32 |
| Oct., " | 2,774.57 |
| Nov., " | 2,754.43 |

| | |
|---|---|
| Total expense, | $28,500.92 |
| Appropriation, | 22,000.00 |
| Special appropriation, | 5,536.10 |
| | $27,536.10 |
| Deficit, | 964.82 |
| Transferred from bacteriological account, | 967.48 |
| Balance, | 2.66 |

During the year 1902, the following permits were granted by the Board:

| | |
|---|---|
| Cleaning vaults and cesspools, | 18 |
| To reinter bodies, | 113 |
| Stable licenses, | 7 |
| Cattle licenses, | 15 |
| Swine licenses, | 16 |
| Number of notices served, | 37 |
| Number of complaints received, | 83 |

Of this number, 9 were found upon investigation, to be without cause.

We refer you to the various reports, outlining in detail the work of the department.

Respectfully submitted,

WM. G. KIRSCHBAUM,
J. T. BULLARD, M. D.,
Board of Health.

NEW BEDFORD, MASS.
January 1, 1903.

*To the Board of Health:*

GENTLEMEN—The following is my report for the year 1902.

The number of cases reported to the Board and investigated by me is

| | |
|---|---|
| Typhoid fever, | 181 |
| Scarlet fever, | 144 |
| Diphtheria, | 99 |
| Small-pox, | 18 |

Each case of Typhoid as formerly, was carefully investigated and a complete report was filed with the local Board and the State Board of Health. While cases were found in all parts of the city the south, and southeastern sections furnished a great percentage. Of the 181 cases—125 occured during the last four months of the year.

Next on the list from a point of frequency is Scarlet fever. Not only is it noticeable in numbers but it has been unusually fatal. Like typhoid, it prevailed in the fall and early winter months. 115 of the 144 cases were in October, November and December. In the north and northeastern sections it prevailed, and in that section was most fatal. Your inspector is convinced that a great many children are allowed to mingle with others, long before peeling is complete. If the physicians were more careful to instruct the patients of the danger of the contact, there would be far less Scarlet Fever in this city.

Of the 99 cases of Diphtheria, 63 occured in the last four months. Physicians have generally availed themselves of the privilege of a culture for diagnosis, this year much more than peviously and it has proven a very valuable aid.

Respectfully submitted,

WILLIAM C. SHEEHY,
Medical Inspector.

## REPORT OF MEDICAL INSPECTOR OF SCHOOLS.

NEW BEDFORD, Jan. 1, 1903.

*To the Board of Health:*

GENTLEMEN—I herewith submit my report as medical inspector of schools:

Number of children examined 2291.

| | | | |
|---|---|---|---|
| Number recommended to be sent home, | | | 35 |
| " | consultations with teachers, | | 2 |
| " | of cases of Pediculosis, | 354 | |
| " | " Defective vision, | 61 | |
| " | " Impatigo, | 33 | |
| " | " Tinea, | 31 | |
| " | " Otorrhea, | 1 | |
| " | " Blepharitis, | 7 | |
| " | " Mumphs, | 1 | |
| " | " Herpes, | 54 | |
| " | " Eczema, | 41 | |
| " | " Otitis, | 15 | |
| " | " Chorea, | 2 | |
| " | " Defective hearing, | 6 | |
| " | " Tonsillitis, | 5 | |
| " | " Conjunctivitis, | 11 | |
| " | " Nervous affections, | 3 | |
| " | " Nasal catarrh, | 1 | |
| " | " Scabies, | 6 | |
| " | " Pharyngitis, | 2 | |
| " | " Stomatitis, | 1 | |
| " | " Rhus poisoning, | 13 | |
| " | " Color blindness, | 1 | |
| " | " Measles, | 1 | |
| " | " Whooping cough, | 10 | |
| " | " Mental deficiency, | 8 | |

Respectfully submitted,

J. P. ST.GERMAIN, M.D.

## REPORT OF MEDICAL INSPECTOR OF SCHOOLS.

NEW BEDFORD, Jan. 1, 1902.

*To the Board of Health:*

Gentlemen:—I herewith submit my report for the year 1902:

Number of children examined, 1450.

| | | | |
|---|---|---|---|
| Number recommended to be sent home, | | | 25 |
| " | consultations with teachers, | | 6 |
| " | cases of Pediculosis, | 231 | |
| " | " Impetigo, | 28 | |
| " | " Conjunctivitis, | 3 | |
| " | " Tinea, | 3 | |
| " | " Defective vision, | 14 | |
| " | " Whooping cough, | 4 | |
| " | " Scabies, | 1 | |
| " | " Scarlet fever, | 1 | |

Respectfull submitted,

G. F. LEWIS, M.D.

## REPORT OF BACTERIOLOGIST,

For period extending from Feb. 17, 1902 through Dec. 31, 1902.

| | |
|---|---|
| Diphtheria. | |
| Total number of cultures examined, | 269 |
| New cases, | 127 |
| Positive, | 73 |
| Negative, | 45 |
| Doubtful, | 9 |
| | 127 |
| Cultures for release, | 142 |
| Tuberculosis. | |
| Number of tests, | 64 |
| Positive, | 18 |
| Negative, | 46 |
| Typhoid Fever. | |
| Number of tests, | 5 |
| Positive, | 0 |
| Doubtful, | 1 |
| Negative, | 4 |

Respectfully submitted,

CHARLES F. CONNOR, M.D.

# MORTUARY REPORT, 1902.

NEW BEDFORD, Jan. 1, 1903.

*To the Board of Health:*

GENTLEMEN:—I herewith submit the record of deaths and cases of contagious and infectious diseases for the year ending December 31, 1902.

| CAUSE OF DEATH. | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Apoplexy | 7 | 7 | 6 | 3 | 8 | .. | 1 | 4 | 7 | 2 | 7 | 2 | 54 |
| Alcoholism | .. | 1 | .. | .. | 1 | .. | 1 | 1 | .. | .. | 1 | .. | 5 |
| Addison's disease | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| Anaemia pernicious | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| Atelectasis | .. | .. | .. | 2 | 1 | .. | .. | .. | .. | 2 | .. | .. | 5 |
| Arterio schlerosis | .. | .. | .. | .. | 1 | 2 | 2 | .. | .. | .. | .. | 1 | 6 |
| Accident, fall | .. | .. | .. | .. | 1 | .. | .. | 1 | .. | .. | .. | .. | 2 |
| Accident, suffocation | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 | .. | 2 |
| Athrepsia | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | 1 |
| Asphyxia | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | 1 | 2 |
| Abscess of throat | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | 1 | 2 |
| Abscess of kidney | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | 1 |
| Appendicitis | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 2 | .. | .. | 3 |
| Bronchitis | 6 | 6 | 10 | 6 | 8 | .. | 5 | 1 | .. | 3 | 10 | 5 | 60 |
| Burns | .. | 1 | 1 | .. | 2 | 1 | 2 | .. | .. | .. | .. | 1 | 8 |
| Brain disease | .. | 1 | 1 | .. | 1 | .. | .. | 3 | .. | 1 | 1 | 1 | 9 |
| Bladder, hemorrage from | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| Bladder, inflammation of | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| Broken neck | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 |
| Cancer | .. | .. | .. | .. | .. | 1 | .. | .. | .. | 1 | .. | .. | 2 |
| Cancer of bladder | 1 | .. | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | 3 |
| Cancer of breast | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | 1 |
| Cancer of stomach | 1 | .. | 1 | 3 | 1 | .. | 1 | .. | 1 | .. | .. | .. | 8 |
| Cancer of face | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| Cancer of uterus | .. | .. | 2 | 1 | 3 | .. | 4 | 1 | .. | 2 | 1 | 1 | 15 |
| Cancer of liver | .. | .. | .. | .. | 2 | .. | 1 | .. | 2 | .. | .. | 1 | 6 |
| Cancer of ovary and intestine | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | 1 |
| Cancer of aesophagus | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | 1 |
| Cancer of intestines | .. | .. | 1 | .. | .. | .. | 1 | .. | .. | 1 | .. | .. | 3 |
| Cancer of omentum | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | 1 |
| Cancer of ear | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | 1 |
| Cancer of axilla | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 |
| Convulsions | 2 | 1 | 2 | 1 | 3 | .. | 1 | 4 | 2 | 2 | 5 | 4 | 27 |
| Compression of cord | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| Cholera infantum | .. | .. | .. | 1 | 1 | .. | 23 | 47 | 22 | 19 | 1 | .. | 114 |
| Debility | 1 | 1 | .. | .. | 1 | .. | 2 | .. | .. | .. | 1 | 1 | 7 |
| Debility Infan | 5 | 6 | 5 | 10 | 9 | 2 | 5 | 9 | 12 | 13 | 20 | 5 | 101 |

MORTUARY REPORT, 1902—*Continued.*

| Cause of Death. | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Diphtheria | 1 | 1 | 3 | 3 | 2 | 1 | .. | 2 | .. | 2 | 7 | 5 | 27 |
| Drowning accident | .. | 1 | .. | .. | .. | . | 1 | 3 | 2 | .. | .. | .. | 7 |
| Dysentery | .. | .. | .. | 2 | .. | .. | .. | 1 | . | 1 | . | .. | 4 |
| Diarrhoea | .. | .. | . | .. | .. | 1 | 1 | 1 | 1 | .. | .. | .. | 4 |
| Diabetes | .. | .. | .. | .. | 2 | 1 | 1 | 1 | 1 | .. | 1 | .. | 7 |
| Enteritis | .. | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 4 | 2 | 1 | 18 |
| Enteritis gastro | .. | .. | .. | 2 | 2 | .. | 5 | 6 | 9 | 1 | 1 | 1 | 27 |
| Entero colitis | .. | .. | 1 | .. | .. | 2 | 1 | 3 | .. | 1 | .. | .. | 8 |
| Eclampsia | .. | .. | .. | 1 | .. | .. | .. | .. | 2 | .. | .. | .. | 3 |
| Electric shock | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 | .. | .. | 2 |
| Epilepsy | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | 1 | 1 |
| Fracture of skull | 1 | 2 | .. | 1 | 2 | . | 2 | .. | .. | .. | .. | .. | 8 |
| Fracture of spine | . | .. | .. | .. | .. | .. | .. | . | .. | .. | 1 | .. | 1 |
| Fracture of hip | . | .. | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | 2 |
| Fever, scarlet | .. | .. | .. | .. | .. | .. | .. | 2 | .. | 7 | 13 | 9 | 31 |
| Fever, typhoid | 1 | 1 | 1 | .. | 3 | .. | .. | 3 | 4 | 3 | 6 | 2 | 24 |
| Fever, puerperal | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| Gastritis | 1 | .. | 2 | .. | 1 | .. | .. | 1 | .. | .. | .. | .. | 5 |
| Gangrene | .. | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | 2 |
| Gangrene of intestine | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | 1 |
| Gallstone | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 |
| Gall bladder, inflam. of | .. | .. | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | 2 |
| Goitre, exophthalmic | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | . | 1 |
| Glottis, oedema of | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 |
| Heart disease | 9 | 8 | 5 | 10 | 12 | 6 | 3 | 10 | 7 | 8 | 13 | 9 | 100 |
| Hemorrhage | .. | .. | .. | .. | 1 | . | 1 | .. | .. | .. | .. | .. | 2 |
| Hemorrhage, intestinal | .. | .. | .. | 1 | .. | .. | .. | 1 | .. | .. | .. | .. | 2 |
| Hemorrhage, umbilical | .. | .. | .. | 1 | .. | . | .. | .. | .. | .. | .. | .. | 1 |
| Hemorrhage, pul | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | 1 | .. | 2 |
| Hemiphlegia | .. | .. | .. | 1 | 2 | .. | .. | .. | .. | .. | .. | .. | 3 |
| Hip disease | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | 1 |
| Hydrocephalus | .. | .. | .. | .. | .. | .. | 1 | .. | .. | 1 | .. | .. | 2 |
| Haemoptysis | .. | .. | .. | .. | .. | .. | . | .. | .. | 1 | .. | .. | 1 |
| Influenza | 1 | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | 1 |
| Injury | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| Injuries multiple | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 |
| Intestinal obstruction | .. | 1 | 1 | 2 | 1 | .. | .. | 1 | .. | 1 | 1 | .. | 8 |
| Insanity | .. | . | 3 | .. | .. | . | . | .. | .. | .. | .. | .. | 3 |
| Ileo colitis | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | .. | .. | 2 |
| Jaundice | . | .. | . | .. | .. | .. | .. | .. | .. | .. | . | 2 | 2 |
| Kidney disease | 6 | 4 | 7 | 4 | 7 | 5 | 3 | 9 | 4 | 7 | 3 | 11 | 70 |
| Liver cirrhosis of | 1 | .. | .. | 1 | 1 | 1 | 1 | .. | .. | 2 | . | .. | 7 |
| Laryngismus stridulous | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 3 |
| Laryngitis | .. | .. | 1 | .. | .. | .. | .. | .. | .. | 2 | .. | .. | 3 |
| Larynx, oedema of | .. | 1 | .. | .. | .. | .. | | .. | . | .. | .. | .. | 1 |
| Lungs, congestion of | .. | .. | .. | .. | 1 | .. | . | .. | 1 | . | .. | .. | 2 |
| Lungs, oedema of | .. | 1 | .. | .. | .. | .. | .. | 1 | . | .. | 1 | 1 | 4 |

MORTUARY REPORT—*Continued.*

| Cause of Death. | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Leucoythaemia | .. | .. | .. | .. | .. | 1 | .. | 1 | .. | .. | 1 | .. | 3 |
| Locomotor ataxia | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 |
| Meningitis | 2 | 1 | 3 | 2 | 4 | 3 | 2 | 2 | 4 | 6 | 9 | 5 | 43 |
| Meningitis cer | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | .. | .. | .. | 2 |
| Meningitis cer. spinal | 1 | 1 | .. | 2 | 1 | .. | .. | 1 | .. | .. | .. | 1 | 7 |
| Meningitis tub | 1 | .. | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | 3 |
| Malnutrition | .. | 1 | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | .. | 3 |
| Mercurial poisoning | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| Myelitis | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | 1 |
| Natural causes | 4 | .. | 3 | .. | 2 | 1 | .. | .. | 2 | 1 | 2 | 3 | 18 |
| Old age | .. | 4 | 5 | .. | 1 | 2 | 2 | 1 | 3 | 1 | 1 | 4 | 24 |
| Phthisis pul | 11 | 13 | 13 | 9 | 14 | 7 | 5 | 9 | 7 | 7 | 3 | 18 | 116 |
| Pneumonia | 9 | 10 | 22 | 12 | 14 | 12 | 5 | 4 | 5 | 5 | 14 | 22 | 134 |
| Paralysis | 1 | 3 | .. | 1 | 1 | 2 | 1 | .. | .. | .. | 2 | 1 | 12 |
| Premature birth | .. | 3 | 3 | 1 | 3 | .. | 5 | 3 | .. | .. | 4 | .. | 22 |
| Paraphlegia | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| Peritonitis | .. | 1 | .. | 1 | 1 | 3 | .. | .. | 1 | 1 | .. | 1 | 9 |
| Peritonitis tub | .. | .. | .. | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | 2 |
| Pleurisy | .. | .. | 1 | 1 | .. | 1 | 1 | .. | .. | .. | .. | 1 | 5 |
| Poisoning with wood alcohol | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| Placenta praevia | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | 1 |
| Ptomaine poisoning | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | 1 |
| Poisoning by gas | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 |
| Paresis | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 |
| Rectum, malformation of | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| Rheumatism | .. | .. | .. | .. | 1 | .. | .. | .. | .. | 1 | 1 | .. | 3 |
| Suffocation by smoke | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| Spinal bifida | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| Scorbutus | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| Syphilis | .. | 1 | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | 2 |
| Spinal schlerosis | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| Suicide, carbolic acid | .. | .. | 1 | .. | .. | 1 | .. | .. | .. | .. | .. | .. | 2 |
| Septicaemia | .. | .. | 2 | 1 | 2 | 1 | .. | 3 | .. | 2 | 1 | .. | 12 |
| Shock due to burns from carb. acid | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | 1 |
| Shock, traumatic | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | 1 |
| Tetanus, traumatic | .. | .. | .. | 1 | .. | 1 | 1 | .. | .. | 2 | 1 | .. | 6 |
| Thrombus | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | 1 |
| Tumor cer | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 |
| Uterus, malignant tumor of | .. | .. | .. | 1 | .. | .. | .. | 1 | .. | .. | .. | .. | 2 |
| Ulcer, gastric | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | 1 |
| Whooping cough | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | 1 |

## MORTUARY REPORT, 1902.

| | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Whole number of deaths | 78 | 89 | 119 | 96 | 131 | 66 | 98 | 152 | 111 | 119 | 146 | 126 | 1331 |
| Whole number of males | 41 | 44 | 63 | 47 | 65 | 33 | 50 | 69 | 48 | 65 | 76 | 61 | 662 |
| Whole number of females | 37 | 45 | 56 | 49 | 66 | 33 | 48 | 83 | 63 | 54 | 70 | 65 | 669 |

Death rate per 1,000 inhabitants, 18.49.

## CASES OF CONTAGIOUS AND INFECTIOUS DISEASES.

| | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Small pox | 1 | 10 | 1 | 5 | .. | .. | .. | 1 | .. | .. | .. | .. | 18 |
| Scarlet fever | 1 | 2 | 7 | 3 | 1 | 4 | 4 | 4 | 3 | 19 | 63 | 33 | 144 |
| Diphtheria | 5 | 1 | 6 | 5 | 5 | 3 | 6 | 5 | 12 | 11 | 21 | 19 | 99 |
| Measles | .. | .. | 2 | 1 | 3 | 10 | 26 | 7 | .. | 1 | 8 | 12 | 70 |
| Typhoid fever | 8 | 3 | 3 | 5 | 10 | 2 | 10 | 15 | 35 | 41 | 28 | 21 | 181 |
| Leprosy | | | .. | .. | 1 | .. | . | | .. | .. | .. | .. | 1 |

## MORTUARY REPORT, 1902.

| | | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Under 1 year | Males | 11 | 13 | 13 | 12 | 15 | 6 | 25 | 36 | 20 | 28 | 29 | 11 | 219 |
| | Females | 8 | 7 | 11 | 16 | 16 | 5 | 22 | 40 | 31 | 24 | 18 | 8 | 206 |
| 1–2 years | Males | 2 | 2 | 4 | 1 | 3 | 4 | 2 | 1 | 3 | 6 | 6 | 5 | 39 |
| | Females | 1 | 1 | 5 | 1 | 2 | 3 | 2 | 5 | 5 | 2 | 5 | 6 | 38 |
| 2–3 years | Males | .. | .. | 1 | .. | 2 | 1 | 1 | 1 | .. | 3 | 1 | 4 | 14 |
| | Females | .. | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | .. | 6 | 4 | 20 |
| 3–4 years | Males | 2 | .. | 2 | 1 | 1 | 1 | 2 | .. | .. | .. | 2 | 4 | 15 |
| | Females | .. | 3 | .. | 1 | 1 | .. | .. | 2 | .. | .. | 2 | 3 | 12 |
| 4–5 years | Males | .. | 1 | 3 | 2 | 2 | .. | .. | 1 | .. | 2 | 3 | .. | 14 |
| | Females | .. | .. | 1 | 2 | .. | 1 | .. | .. | .. | .. | .. | .. | 4 |
| 5–10 years | Males | .. | .. | 1 | .. | 2 | 3 | .. | 1 | .. | 2 | 5 | 5 | 19 |
| | Females | .. | .. | .. | 3 | 2 | 3 | .. | 2 | 2 | 1 | 4 | 5 | 22 |
| 10–15 years | Males | 1 | 1 | .. | 1 | 1 | .. | .. | .. | .. | 2 | .. | 2 | 8 |
| | Females | .. | .. | 1 | .. | 1 | 1 | .. | .. | .. | 1 | 2 | 1 | 7 |
| 15–20 years | Males | .. | 4 | 1 | 2 | 2 | 2 | 1 | 2 | 2 | 1 | .. | 2 | 19 |
| | Females | 2 | .. | 1 | .. | 1 | 3 | 1 | 1 | .. | 2 | 1 | 1 | 13 |
| 20–30 years | Males | 5 | 3 | 7 | 5 | 7 | 4 | 3 | 7 | 4 | 4 | 2 | 7 | 58 |
| | Females | 4 | 4 | 5 | 2 | 6 | 4 | 3 | 8 | 2 | 3 | 3 | 4 | 48 |
| 30–40 years | Males | 2 | 5 | 6 | 4 | 4 | 1 | .. | 3 | 2 | 3 | 2 | 4 | 36 |
| | Females | 5 | 4 | 4 | 3 | 3 | 2 | 2 | 4 | 3 | 3 | 5 | 6 | 44 |
| 40–50 years | Males | 2 | 1 | 1 | 3 | 6 | 2 | 3 | 4 | 6 | 3 | 7 | 3 | 41 |
| | Females | 3 | 4 | 4 | 3 | 5 | 2 | 3 | 2 | 3 | 1 | 4 | 8 | 42 |
| 50–60 years | Males | 7 | 7 | 10 | 3 | 3 | 2 | 3 | 1 | 3 | 2 | 10 | 5 | 56 |
| | Females | 3 | 3 | 6 | 3 | 4 | 1 | 4 | 6 | 4 | 4 | 5 | 7 | 50 |
| 60–70 years | Males | 5 | 1 | 5 | 8 | 9 | 5 | 6 | 8 | 3 | 4 | 2 | 5 | 61 |
| | Females | 2 | 4 | 4 | 6 | 6 | 3 | 3 | 3 | 6 | 5 | 5 | 4 | 51 |
| 70–80 years | Males | 3 | 3 | 4 | 5 | 6 | 2 | 4 | 2 | 3 | 4 | 4 | 1 | 41 |
| | Females | 4 | 5 | 4 | 4 | 10 | 2 | 5 | 7 | 5 | 2 | 6 | 3 | 57 |
| Ov'r 80 years | Males | 1 | 3 | 5 | .. | 2 | .. | .. | 2 | 2 | 1 | 3 | 3 | 22 |
| | Females | 5 | 8 | 9 | 4 | 8 | 2 | 2 | 2 | .. | 5 | 4 | 5 | 54 |
| Stillborn | Males | 7 | 3 | 4 | 4 | 5 | 5 | 2 | 5 | 7 | 4 | 5 | 4 | 55 |
| | Females | 5 | 1 | 8 | 3 | 3 | 3 | 4 | 7 | 6 | 4 | 2 | 5 | 51 |
| Sex unknown | | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |

Respectfully submitted,

SUSAN J. SMALL, Clerk.

NEW BEDFORD, Jan. 1, 1903.

*To the Board of Health:*

GENTLEMEN:—I herewith submit my report as health inspector for the year 1902:

| | |
|---|---|
| Defective drains and cesspools, | 20 |
| Defective privies and vaults, | 21 |
| Filthy and overflowing vaults and cesspools, | 45 |
| Filthy and clogged water closets, | 8 |
| Clogged drains, | 27 |
| Filthy yards and cellars, | 20 |
| Defective plumbing, | 9 |
| Location of privies, | 13 |
| Manure pile nuisances, | 8 |
| Cow barn nuisances, | 9 |
| Hen yard nuisances, | 15 |
| Hens kept in cellar, | 5 |
| Filthy ash barrels, | 33 |
| Bad smelling sand catchers, | 6 |
| Complaints of fish nuisances, | 5 |
| Keeping pigs without a license, | 3 |
| Inspections of tenements, | 13 |
| Inspection of locations to build barns, | 14 |
| Complaints without cause, | 9 |
| Notices served, | 37 |
| Complaints of wet cellars, | 7 |
| Houses playcarded, | 174 |
| Number of rooms fumigated, | 457 |
| Schoolrooms fumigated, (not including parochical schools,) | 230 |
| Inspections made, | 242 |
| Mattresses collected and destroyed, | 97 |

Respectfully submitted,

WM. E. MACOMBER,
Health Inspector.

NEW BEDFORD, Jan. 1, 1903.

*To the Board of Health:—*

GENTLEMEN:—I have the honor to submit the following report of the work performed by me as Inspector of Plumbing:

Number of Permits Issued 544:

| | |
|---|---|
| Number of old buildings, | 362 |
| " New buildings, | 182 |
| " Inspections. | 3470 |

Number of fixtures placed in buildings:—

| | Old. | New. |
|---|---|---|
| Sinks, | 452 | 524 |
| Water closets, | 379 | 480 |
| Wash bowls, | 110 | 128 |
| Bath tubs, | 110 | 159 |
| Wash trays, | 22 | 29 |
| Urinals, | 10 | 16 |

Respectfully submitted,

LOUIS H. RICHARDSON,
Inspector of Plumbing.

NEW BEDFORD, Jan. 1, 1903.

*To the Board of Health:—*

GENTLEMEN:—I have the honor to submit the following report as Quarantine Physician for the year 1902:

Boarded 25 vessels arriving from foreign ports. None were detained in quarantine as there were no diseases of a contagious nature.

Respectfully submitted,

J. T. BULLARD, M.D.
Quarantine Officer.

## REPORT OF THE BOARD OF PLUMBING EXAMINERS.

NEW BEDFORD, Jan. 1, 1903.

*To the Board of Health:—*

GENTLEMEN:—During the year 1902 there were held eight meetings. Nine persons were examined and were recommended to your Board for licenses—Five received journeyman licenses, and four, master.

Respectfully submitted,

WM. G. KIRSCHBAUM,
EDMUND O'KEEFE,
WM. DEACON,
} Board of Examiners.

New Bedford, Jan. 1, 1903.

*To the Board of Health:—*

Gentlemen:—I have the honor to submit the following:

We have to report that the average daily collection of garbage duriug the year 1902 was 125 barrels, each weighing 300 pounds, a total of 37500 pounds per day. Total number of daily collections, 307, making a gross collection of garbage 11,512,500 pounds. Under the new contract the average daily collections increased about 20 per cent.

Number of dead animals collected, consisting of horses, cows, dogs and goats, 235.

Yours truly,

N. B. Product Co.,
A. E. PERRY,
Treasurer.

City of New Bedford,
In Board of Aldermen,
February 12, 1903.

Received, ordered printed in the City Documents, and sent down for concurrence.

D. B. LEONARD, City Clerk.

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In Common Council,
February 12, 1903.

Concurred.

W. H. B. REMINGTON, Clerk.

1903. CITY DOCUMENT No. 8.

# THE

# ANNUAL FINANCIAL REPORTS

OF THE

# CITY OF NEW BEDFORD

FOR THE YEAR

1902.

NEW BEDFORD, MASS.
THE A. E. COFFIN PRESS, CITY PRINTERS.
1903.

TYPOGRAPHICAL
UNION
LABEL
NEW BEDFORD

# THE

# AUDITOR'S ANNUAL REPORT

OF THE

## Receipts and Expenditures

OF THE

CITY OF NEW BEDFORD

FOR THE YEAR 1902.

City of New Bedford,
Office of the City Auditor,
April 23, 1903.

*To the Honorable, the City Council,—*

Gentlemen: — I have the honor to submit herewith the annual report of the receipts and expenditures of the City of New Bedford for the financial year ending on the thirtieth day of November, 1902; with a statement of the city debt, a schedule of the city property and the estimated value thereof, and other statements that have been deemed of interest.

Very respectfully,

CHARLES J. McGURK,
City Auditor.

# AUDITOR'S REPORT.

JAMES H. HATHAWAY, CITY TREASURER, IN ACCOUNT WITH THE CITY OF NEW BEDFORD.

DR.

| | | | |
|---|---|---|---|
| December 2, 1901. To balance of cash | | | $67,398.56 |
| Appropriations general, taxes, | 1902 | $951,628.55 | |
| " " " | 1901 | 50,849.30 | |
| " " " | 1900 | 11,494.55 | |
| " " " | 1898 | 3.84 | |
| " " " | 1897 | 3.24 | |
| " special, note | 1902 | 60,000.00 | |
| " " bonds, | 1901 | 104,811.57 | |
| " " " | 1900 | 188,188.43 | |
| Armories and Military Property | | | 19.00 |
| Cemetery Board | | | 10,935.01 |
| Cemeteries, sales of lots | | | 3,956.00 |
| Com. of Mass., C. 79 R. L., burial of soldiers | | | 945.00 |
| " " " " military aid | | | 1,295.23 |
| " " " " state aid | | | 11,601.50 |
| Department of Wharves | | | 6,740.65 |
| Fire Department | | | 723.50 |
| Free Public Library, Dog Fund | | | 1,553.95 |
| Free Public Library, Trustees of— | | | |
| James B. Congdon Fund | | | 30.00 |
| George O. Crocker Fund | | | 420.00 |
| Oliver Crocker Fund | | | 60.00 |
| George Howland, Jr., Fund | | | 96.00 |

| | | |
|---|---|---|
| Sylvia Ann Howland Fund | 3,001.45 | |
| Charles W. Morgan Fund | 60.00 | |
| Charles L. Wood Fund | 80.00 | |
| Highways and Streets | 38,830.40 | |
| Incidentals | 20.00 | |
| Lighting the Streets | 136.50 | |
| New Bedford School Committee— | | |
| Sylvia Ann Howland Fund | 3,000.00 | |
| Jonathan Bourne Prize Fund | 60.00 | |
| New Bedford Water Works | 132,167.74 | |
| Park Commission | 529.76 | |
| Police Department | 8,747.15 | |
| Poor Department | 9,621.16 | |
| Protection of Shade Trees | 140.57 | |
| Public Debt | 92,080.00 | |
| Public Schools, Dog Fund | 1,553.94 | |
| Real Estate Tax Account | 95.62 | |
| Sewers, General Account | 11,845.98 | |
| Sinking Funds | 12,136.60 | |
| Temporary Loans | 1,300,000.00 | |
| Unappropriated Funds | 128,014.39 | $3,147,476.58 |
| | | $3,214,875.14 |

# AUDITOR'S REPORT.

JAMES H. HATHAWAY, CITY TREASURER, IN ACCOUNT WITH THE CITY OF NEW BEDFORD.

CR.

| | |
|---|---|
| Almshouse kitchen, addition | $1,803.56 |
| Alterations, etc., N. B. High School | 2,708.68 |
| Armories and Military Property | 3,022.46 |
| " " " " Rifle Range | 995.50 |
| Block paving South Water street | 15,000.00 |
| Board of Assessors | 6,499.22 |
| Board of Health | 28,500.92 |
| " " " contagious diseases | 8,702.91 |
| Cemetery Board | 30,755.51 |
| Cemeteries, sales of lots | 3,331.60 |
| City Property | 9,639.42 |
| " " special committee | 20.95 |
| Coggeshall Street Bridge | 193.10 |
| Com. of Mass., C. 79 R. L., burial of soldiers | 525.00 |
| " " " " military aid | 3,102.00 |
| " " " " state aid | 11,992.00 |
| " " " " soldiers relief | 13,007.23 |
| Court judgments | 4,364.60 |
| Department of Wharves | 4,351.09 |
| Elections | 4,370.01 |
| Engineering Department | 9,989.97 |
| " " tides investigation | 172.80 |
| Fire Department | 84,026.45 |

| | |
|---|---|
| Fourth of July celebration | 4,966.33 |
| Free Public Library | 11,926.47 |
| " " " Dog Fund | 532.70 |
| " " " repairs and renovation | 3,622.69 |
| Free Public Library, Trustees of— | |
| George O. Crocker Fund | 862.77 |
| George Howland, Jr., Fund | 207.25 |
| Sylvia Ann Howland Fund | 3,411.50 |
| Reading Rooms Fund | 230.03 |
| Highways and Streets | 184,070.24 |
| Incidentals | 40,417.23 |
| " Memorial Day | 849.91 |
| Land Damages, Acushnet avenue, No. 4 | 1,461.83 |
| " " Chancery street | 998.80 |
| " " Layout of Linden court | 1,200.00 |
| License Commission | 593.91 |
| Lighting the Streets | 56,909.99 |
| New Bedford School Com., Howland Fund | 2,099.08 |
| " " " " Bourne Prize Fund | 60.00 |
| New Bedford Water Works | 134,952.02 |
| " " " Further Water Supply | 143.74 |
| Park Commission | 43,503.17 |
| Parker Street School, alterations, etc. | 29,270.40 |
| " " " heating, etc. | 4,612.00 |
| " " " plans, etc. | 1,263.61 |
| " " " refurnishing | 1,119.67 |
| Pingree Plan | 1,178.90 |
| Plans, etc., new school buildings | 2,275.57 |
| Police Department | 117,498.27 |
| Poor Department | 72,197.97 |
| Printing, Binding and Stationery | 3,520.39 |
| Protection of Shade Trees | 2,868.08 |
| Public Baths, improvements | 1,110.61 |
| " " maintenance | 988.16 |
| Public Debt | 281,755.05 |
| Public Schools, Dog Fund | 776.89 |
| " " Incidentals | 58,511.70 |
| " " Pay of Teachers | 161,134 51 |
| " " Repairs of Buildings | 7,210 34 |
| Salaries | 26,562.83 |
| Schoolhouse, Blackmer street, extras | 6,805.33 |
| " " " heating, etc. | 500.00 |
| " Coggeshall street, extras | 8,540.76 |
| " " " heating, etc. | 500.00 |

| | | |
|---|---|---|
| Schoolhouse, Shawmut avenue, extras | 4,483.83 | |
| " " " heating, etc. | 1,048.00 | |
| " " " grading, etc. | 6,041.00 | |
| Schoolhouse lot, Morgan estate | 60,000.00 | |
| Sewers, General Account | 23,636.62 | |
| Sewer, Bay and Dartmouth streets | 299.75 | |
| " Briggs street | 444.18 | |
| " Cleveland street | 707.82 | |
| " Davis street | 2,339.82 | |
| " Hemlock street, No. 1 | 329.17 | |
| " " " No. 2 | 260.29 | |
| " Liberty street | 3,067.53 | |
| " North street | 809.30 | |
| " Peckham street | 764.84 | |
| " Phillips avenue, No. 1 | 4,240.38 | |
| " Ruth street | 1,057.01 | |
| " Tinkham street | 871.91 | |
| " Trinity street | 551.66 | |
| " South Water street | 1,858.87 | |
| " Weld street | 2,271.80 | |
| " Willard and Valentine streets | 2,924.73 | |
| " Woodlawn street | 2,064.35 | |
| Sinking Funds | 108,416.30 | |
| Temporary Loans | 1,375,000.00 | |
| Textile School | 7,000.00 | |
| Woman's Ward and Hospital, construction | 7,963.01 | |
| " " " " heating, etc. | 1,500.00 | $3,150,247.85 |
| City Treasurer, balance of cash | | 64,627.29 |
| | | $3,214,875.14 |

# Expenditures in Detail.

## APPROPRIATIONS, GENENAL, 1902.

DR.

| | | |
|---|---|---|
| Armories and Military Property | $3,000.00 | |
| Board of Assessors | 6,5000.00 | |
| Board of Health | 22,000.00 | |
| Cemetery Board | 12,000.00 | |
| City Property | 6,500.00 | |
| Coggeshall Street Bridge | 600.00 | |
| Com. of Mass., C. 79 R. L., military aid | 1,500.00 | |
| " " " " soldiers' relief | 10,000.00 | |
| Elections | 4,200,00 | |
| Engineering Department | 10,000.00 | |
| Fire Department | 78,000.00 | |
| Free Public Library | 12,000.00 | |
| Highways and Streets | 67,500.00 | |
| Incidentals | 40,000.00 | |
| License Commission | 1,000.00 | |
| Lighting the Streets | 60,000.00 | |
| New Bedford Water Works | 12,000.00 | |
| Park Commission | 25,000.00 | |
| Pingree Plan | 1,200.00 | |
| Police Department | 112,000.00 | |
| Poor Department | 55,000.00 | |
| Printing, Binding and Stationery | 3,000.00 | |
| Public Debt | 190,398.00 | |
| Public Schools, Incidentals | 60,000.00 | |
| " " Pay of Teachers | 83,000.00 | |
| " " Repairs of Buildings | 8,000.00 | |
| Salaries | 26,095.00 | |
| Sewers, General Account | 12,000.00 | |
| Sinking Funds | 96,279.70 | $1,018,772.70 |

CR.

| | | |
|---|---|---|
| By receipts as per Treasurer's reports | $951,628.55 | |
| December 1, 1902. Balance | 67,144.15 | $1,018,772.70 |

DR.

| | |
|---|---|
| December, 1, 1902. To balance | $67,144.15 |

## APPROPRIATIONS, GENERAL, 1901.

DR.

| | |
|---|---|
| December 2, 1901. To balance | $55,946.42 |

CR.

| | | |
|---|---|---|
| By receipts as per Treasurer's reports | $50,849.30 | |
| December 1, 1902. Balance | 5,097.12 | $55,946.42 |

DR.

| | |
|---|---|
| December 1, 1902. To balance | $5,097.12 |

## APPROPRIATIONS, GENERAL, 1900.

DR.

| | |
|---|---|
| December 2, 1901. To balance | $11,494.55 |

CR.

| | |
|---|---|
| Receipts as per Treasurer's reports | $11,494.55 |

## APPROPRIATIONS GENERAL, 1898.

DR.

| | |
|---|---|
| December 2, 1901. To balance | $10,156.85 |

Cr.

| | | |
|---|---|---|
| Receipts as per Treasurer's reports | $3.84 | |
| By transfer to balance | 10,153.01 | $10,156.85 |

## APPROPRIATIONS, GENERAL, 1897.

Dr.

| | |
|---|---|
| December 2, 1901. To balance | $16,436.38 |

Cr.

| | | |
|---|---|---|
| Receipts as per Treasurer's reports | $3.24 | |
| By transfer to balance | 16,433.14 | $16,436.38 |

## APPROPRIATIONS, SPECIAL, 1902.

Dr.

| | |
|---|---|
| Almshouse, kitchen addition | $4,085.00 |
| Alterations, etc., New Bedford High School | 3,387.06 |
| Armories and Military Property, rifle range | 1,000.00 |
| Block paving South Water street | 15,000.00 |
| Board of Health | 5,536.10 |
| " " " contagious diseases | 7,700.00 |
| Cemetery Board | 8,000.00 |
| City Property, portable schools | 5,700.00 |
| Coggeshall Street Bridge, repairs | 5,500.00 |
| Fire Department | 5,500.00 |
| Fourth of July celebration | 5,000.00 |
| Free Public Library, repairs and renovation | 3,622.69 |
| Highways and Streets | 87,500.00 |
| Land Damages, Chancery street | 998.80 |
| " " Layout of Linden court | 1,500.00 |
| Park Commission | 18,000.00 |
| Parker Street School, alterations, etc. | 30,338.00 |
| " " " heating, etc. | 5,765.00 |
| " " " plans, etc. | 1,263.61 |
| " " " refurnishing | 3,500.00 |

| | | |
|---|---|---|
| Poor Department | 9,000.00 | |
| Protection of Shade Trees | 3,500.00 | |
| Public Baths, improvements | 1,000.00 | |
| " " maintenance | 1,000.00 | |
| Public Schools, Pay of Teachers | 83,000.00 | |
| Schoolhouse, Shawmut avenue, grading, etc. | 6,041.00 | |
| Schoolhouse lot, Morgan estate | 60,001.00 | |
| Sewers, General Account | 5,000.00 | |
| Sewer, Bay and Dartmouth streets | 500.00 | |
| " Chepatchet street | 3,599.00 | |
| " Cleveland street | 800.00 | |
| " Davis street | 3,000.00 | |
| " Hemlock street, No. 2 | 300.00 | |
| " North street | 1,100.00 | |
| " Peckham street | 1,000.00 | |
| " Phillips avenue, No. 1 | 5,400 00 | |
| " " " No. 2 | 1,000.00 | |
| " Ruth street | 1,200.00 | |
| " Tinkham street | 1,200.00 | |
| " Trinity street | 800.00 | |
| " South Water street | 1,500 00 | |
| " Weld street | 2,100.00 | |
| " Willard and Valentine streets | 3,600.00 | |
| " Woodlawn street | 2,400.00 | |
| Textile School | 7,000.00 | $423,937.26 |

Cr.

| | | |
|---|---|---|
| By receipts as per Treasurer's reports | $60,000.00 | |
| By transfer | 1,122.37 | $61,122.37 |
| December 1, 1902. Balance | | 362,814.89 |
| | | $423,937.26 |

Dr.

| | |
|---|---|
| December 1, 1902. To balance | $362,814.89 |

## APPROPRIATIONS, SPECIAL, 1901.

Dr.

| | |
|---|---|
| December 2, 1901. To balance | $203,383.12 |

Cr.

| | | |
|---|---|---|
| Receipts as per Treasurer's reports | $104,811.57 | |
| By transfer to balance | 98,571.55 | $203,383.12 |

## APPROPRIATIONS, SPECIAL, 1900.

Dr.

| | |
|---|---|
| December 2, 1901. To balance | $188,188.43 |

Cr.

| | |
|---|---|
| Receipts as per Treasurer's reports | $188,188.43 |

## ALMSHOUSE, KITCHEN ADDITION.

Dr.

| | | |
|---|---|---|
| Michael Goggin | $1,521.40 | |
| John V. O'Neil | 282.16 | $1,803.56 |
| December 1, 1902. To balance | | 2,281.44 |
| | | $4,085.00 |

Cr.

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|---|---|
| By special appropriation | $4,085.00 |

Cr.

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|---|---|
| December 1, 1902. Balance | $2,281.44 |

## ALTERATIONS AND IMPROVEMENTS AT THE NEW BEDFORD HIGH SCHOOL.

Dr.

| | |
|---|---|
| Flexible Door & Shutter Co. | $1,532.00 |
| Frost & Adams Co. | 277.50 |

| | | |
|---|---|---|
| Samuel C. Hunt | 50.00 | |
| Charles E. Peirce | 514.15 | |
| E. F. Penney | 147.24 | |
| Samuel Whitlow, Agent | 178.43 | |
| Samuel Whitlow | 9.36 | $2,708.68 |
| To transfer to balance | | 678.38 |
| | | $3,387.06 |

Cr.

| | |
|---|---|
| By special appropriation | $3,387.06 |

## ARMORIES AND MILITARY PROPERTY.

Dr.

| | | |
|---|---|---|
| Battery E., First Regiment, M. V. M., Armory: — | | |
| Francis T. Akin, fuel | $53.11 | |
| F. B. Greene, agent, rent | 800.00 | |
| F. B. Greene, agent, heating | 38.50 | |
| N. B. Gas & Edison Light Co., lighting | 320.01 | |
| N. B. Gas & Edison Light Co., repairs, etc. | 2.90 | $1,214.52 |
| G. Company, Naval Brigade, M. V. M., Armory: — | | |
| William P. Briggs, locks and labor | $12.75 | |
| F. S. Brightman Co., labels | 3.77 | |
| Denison Brothers Co., fuel | 38.00 | |
| David Duff & Son, fuel | 96.00 | |
| T. M. Hart & Co., manila rope | 7.24 | |
| Household Furnishing Co., cuspidors | 1.50 | |
| George L. Kent, labor, stock and storage | 145.05 | |
| N. B. Gas & Edison Light Co., lighting | 361.18 | |
| N. B. Gas & Edison Light Co., repairs, etc. | 3.45 | |
| N. B. Foundry & Mach. Co., stock and labor | 13.40 | |
| Proprietors of Lewis Hall, rent | 800.00 | |
| C. R. Sherman & Son, keys | .50 | |
| Frank B. Sistare, stock and labor | 7.63 | |
| A. E. Thomas, float stage | 199.14 | |
| C. F. Wing, sundries | 1.05 | $1,690.66 |

| | | |
|---|---|---|
| Rifle Range: — | | |
| Francis T. Akin, fuel | $5.75 | |
| A. W. Allen, target frames | 25.38 | |
| Blossom Brothers, lumber | .75 | |
| W. A. Bradford, target pasters | 9.00 | |
| William P. Briggs, electric work | 42.65 | |
| Denison Brothers Co., fuel | 3.25 | |
| H. S. Hutchinson & Co., targets | 28.50 | |
| Sherman & Perry, carriage hire | 2.00 | $117.28 |
| | | $3,022.46 |

Cr.

| | | |
|---|---|---|
| By appropriation | $3,000,00 | |
| By receipts, as per Treasurer's reports | 19.00 | $3,019.00 |
| Transfer to balance | | 3.46 |
| | | $3,022.46 |

## ARMORIES AND MILITARY PROPERTY, REFITTING RIFLE RANGE.

Dr.

| | | |
|---|---|---|
| William P. Briggs, electric work | $17.42 | |
| D. Herbert Cook, mason work | 13.65 | |
| Highways and Streets, stock, labor and teaming | 94.25 | |
| William Nelson, carpenter work | 640.18 | |
| N. B. Boiler & Mach. Co., barricade and braces | 230.00 | $995.50 |
| To transfer to balance | | 4.50 |
| | | $1,000.00 |

Cr.

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|---|---|
| By special appropriation | $1,000.00 |

## BLOCK PAVING SOUTH WATER STREET.

Dr.

| | | |
|---|---|---|
| Pay rolls, labor | | $4,633.24 |
| Highways and streets, stock, labor and teaming | $1,978.06 | |
| S. S. Paine & Brother, cement | 924.46 | |
| " " " pipe | 3.60 | |
| John B. Sullivan & Son, granite blocks | 7,460.64 | $10,366.76 |
| | | $15,000.00 |

Cr.

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|---|---|
| By special appropriation | $15,000 00 |

## BOARD OF ASSESSORS.

Dr.

| | | |
|---|---|---|
| Clerical help: — | | |
| Pay rolls | | $4,936.88 |
| Carriage hire, tickets, etc.: — | | |
| S. Desautels | $16.00 | |
| J. H. Finnell | 30.00 | |
| Henry Lomba | 3.00 | |
| C. H. Murphy | 35.00 | |
| N. Y., N. H. & H. R. R. Co. | 60.00 | |
| E. M. Pierce | 20.00 | |
| Sherman & Perry | 2.00 | |
| A. A. Sylvla | 30.00 | |
| Union Street Railway Co. | 7.00 | |
| David Warren | 37.50 | $240.50 |
| Stationery and supplies: — | | |
| F. S. Brightman Co., stationery | $66.74 | |
| Carter's Ink Co., ribbons | 4.50 | |
| T. H. McCarty, pens | 1.50 | |
| Joseph Proulx, Agent, pens | 6.00 | |

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|---|---|---|
| R. W. Taber, typewriter and supplies | 82.58 | |
| Wyckoff, Seamans & Benedict, book and holder | 8.00 | |
| Yawman & Erbe Manufacturing Co., case | 26.00 | $195.32 |
| Printing, binding and advertising: — | | |
| E. Anthony & Sons, incorporated | $1.20 | |
| A. E. Coffin Press | 76.50 | |
| Mercury Publishing Co., | 668.78 | |
| Sullivan & Markey | 79.26 | $825.74 |
| Miscellaneous: — | | |
| F. T. Akin, sundries | $2.98 | |
| A. M. Alger, copies of wills | 1.80 | |
| Automatic Telephone Co., exchange service | 31.42 | |
| Bates Manufacturing Co., repairing machine | 2.00 | |
| F. A. Bonneau, Yale locks and labor | 7.80 | |
| W. P. Briggs, keys | .75 | |
| A. T. Brownell, dinners | 1.00 | |
| T. J. Cashman, gas lighter | 1.00 | |
| Church & Hammond, supplies | 1.25 | |
| Wm. Cronin & Co., cushion and case | 7.85 | |
| C. S. & B. Cummings, matches, soap, etc. | 2.95 | |
| DeWolf & Vincent, hardware | 2.20 | |
| John Duff, P. M., stamps | 24.00 | |
| S. H. Folsom, probate copies | .45 | |
| C. A. Gray, carting | .25 | |
| W. A. Greenough & Co., directories | 8.00 | |
| Hatch & Co., express | 1.40 | |
| Hotel Hawthorne, meals | 12.80 | |
| T. F. Healy, Chairman, expenses of board | 130.00 | |
| P. P. Jenney & Son, oil | .57 | |
| C. H. & H. A. Lawton Co., naptha, etc. | .55 | |
| Moore & Dick, cloth | 1.00 | |
| New Bedford Co-operative Express | 1.20 | |
| New Bedford Gas & Edison Light Co., sundries | 2.23 | |
| Packard Hardware Co., sundries | 1.00 | |
| A. P. Pope, stock and labor | 8.33 | |
| Review & Record Co., subscription | 5.00 | |
| C. R. Sherman & Son, key | .25 | |
| Soule Decorating Co., awnings | 12.25 | |
| So. Mass. Telephone Co., exchange service | 19.41 | |

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|---|---|---|
| W. U. Telegraph Co., message | .25 | |
| C. F. Wing, repairing furniture | 8.84 | $300.78 |
| | | $6,499.22 |
| To transfer to balance | | .78 |
| | | $6,500.00 |

CR.

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|---|---|
| By appropriation | $6,500.00 |

## BOARD OF HEALTH.

DR.

| | | |
|---|---|---|
| Advertising: — | | |
| E. Anthony & Sons | $33.27 | |
| J. D. Escobar | 2.00 | |
| Mercury Publishing Co. | 28.67 | $63.94 |
| Carriage hire: — | | |
| Kirby & Hicks | $27.50 | |
| Sherman & Perry | 2.50 | $30.00 |
| Chemical and medical supplies: — | | |
| F. M. Douglass | $390.03 | |
| Fries Brothers | 26.40 | |
| C. H. & H. A. Lawton Co. | 4.00 | |
| Lincoln & Luchesi | 4.50 | |
| Andrew J. Lloyd & Co. | 1.90 | |
| H. K. Mulford Co. | 26.68 | |
| Red Cross Chemical Co. | 4.80 | $458.31 |
| Collecting garbage: — | | |
| New Bedford Product Co. | $20,552.73 | $20,552.73 |
| Pest house: — | | |
| F. T. Akin, fuel | $10.00 | |
| John McCullough, stove | 3.50 | |
| Augustus Silva, plastering | 9.50 | $23.00 |

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|---|---|---|
| Printing and stationery: — | | |
| E. Anthony & Sons | $51.33 | |
| P. Blackiston's Son & Co. | 2.00 | |
| F. S. Brightman Co. | 1.65 | |
| Carter's Ink Co. | 6.00 | |
| A. E. Coffin Press | 12.60 | |
| F. A. Davis Co. | 5.00 | |
| Denison Mfg. Co. | 8.40 | |
| W. A. Greenough & Co. | 4.00 | |
| Handy Telephone Index Co. | 1.00 | |
| H. S. Hutchinson & Co. | 7.42 | |
| Mercury Publishing Co. | 37.64 | |
| Mortimer Searles | 1.75 | |
| Sullivan & Markey | 2.50 | |
| Robert W. Taber | 24.70 | $165.99 |
| Quarantine expenses: — | | |
| Bliss & Nye | $1.20 | |
| N. B. Gas & Edison Light Co. | 9.38 | |
| Phaneuf & Son | 4.23 | |
| Leontine Prevost | 9.00 | $23.81 |
| Salaries: — | | |
| Charles F. Connor, bacteriologist | $500.00 | |
| George F. Lewis, school inspector | 500.00 | |
| Louis H. Richardson, plumbing inspector | 1,400.00 | |
| William E. Macomber, health officer | 1,003.75 | |
| Susan J. Small, clerk | 700.00 | |
| William C. Sheehy, medical inspector | 500.00 | |
| Joseph P. St. Germain, school inspector | 400 0 | $5,003.75 |
| Miscellaneous: — | | |
| Almy & Hitch, labor and screens | $1.75 | |
| Babbitt, Wood & Co., packing | .55 | |
| Bates & Kirby, rent | 644.00 | |
| Clifford Baylies, repairs | 1.50 | |
| John B. Baylies, plates | .65 | |
| Bliss & Nye, cuspidors | 1.48 | |
| William P. Briggs, repairs | .20 | |
| City Steam Laundry Co., laundry | .42 | |
| Anna W. Croacher, vaccinations | 273.00 | |
| William Deacon, services as examiner | 45.00 | |
| William Deacon, services as inspector | 62.08 | |

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|---|---|---|
| Robert N. B. Doane, services | 225.00 | |
| Hatch & Co., express | 14.60 | |
| W. G. Kirschbaum, chairman, expenses | 16.45 | |
| Knowlton, Perry & Cook, legal services | 400.27 | |
| William E. Macomber, janitor | 100.00 | |
| William E. Macomber, sundries | 17.73 | |
| Mercury Publishing Co., subscription | 6.00 | |
| N. B. Gas & Edison Light Co., labor and sundries | 8.32 | |
| N. B. Gas & Edison Light Co., lighting | 9.46 | |
| N. B. Tow Boat Co., transportation | 53.00 | |
| N. Y., N. H. & H. R. R. Co., mileage books | 40.00 | |
| John O'Neil, photographs | 20.00 | |
| Pairpoint Corporation, wire | 1.50 | |
| William H. Rankin, repairs | 2.45 | |
| Louis H. Richardson, car tickets | 60.00 | |
| C. R. Sherman & Son, labor | 1.35 | |
| Allen Smith, Jr., carting | 51.00 | |
| W. E. Smith, dyeing | 3.75 | |
| So. Mass. Telephone Co., service | 67.46 | |
| So. Mass. Telephone Co., tolls | 3.80 | |
| Union Street Railway Co., tickets | 15.00 | |
| Western Union Telegraph Co., service | 11.47 | |
| C. F. Wing, rod | .15 | |
| O. O. Woodward, carting | 20.00 | $2,179.39 |
| | | $28,500.92 |

Cr.

| | | |
|---|---|---|
| By appropriation | $22,000.00 | |
| By special appropriation | 5,536.10 | $27,536.10 |
| By transfer to balance | | 964.82 |
| | | $28,500.92 |

## BOARD OF HEALTH, CONTAGIOUS DISEASE ACCOUNT.

Dr.

| | | |
|---|---|---|
| Bedding: — | | |
| Briggs & Lawrence | $34.00 | |
| F. R. Slocum Co. | 34.75 | |
| Charles F. Wing | 74.75 | $143.50 |

| | | |
|---|---|---|
| Chemicals and medical supplies: — | | |
| C. T. Bosworth & Co. | $68.47 | |
| Frank M. Douglass | 489.48 | |
| P. O. Driscoll, manager | 3.00 | |
| Pease & Dandurand | 5.60 | |
| Frank R. Pease | 5.20 | $571.75 |
| Clothing and furnishings: — | | |
| Ashley & Peirce | $462.63 | |
| Leander Brightman | 10.22 | |
| Thomas Donaghy | 4.75 | |
| Nichols & Damon | 64.70 | |
| G. & L. Poisson | 40.50 | |
| Ruggles & Ellison | 285.09 | |
| J. V. Spare Dry Goods Co. | 20.22 | |
| Mary Williams | 5.25 | |
| J. & W. R. Wing & Co. | 3.00 | $896.36 |
| Fuel: — | | |
| Francis T. Akin | $14.35 | |
| John N. O'Brien | 15.10 | $29.45 |
| Groceries: — | | |
| J. T. Baldwin | $3.21 | |
| Bolduc & Langlois | 77.20 | |
| Thomas Burgess | 41.92 | |
| Joseph Chausse | 386.21 | |
| R. &. E. Chausse | 5.63 | |
| Charles M. Davenport | 14.97 | |
| John B. Fahey | 16.61 | |
| D. B. Folger | 29.69 | |
| Henry Gatie | 46.54 | |
| A. L. Gonneville | 42.47 | |
| Ferdinand Goulet | 1.50 | |
| George H. Hambly | 2.34 | |
| P. J. Saucier | 110.63 | |
| L. N. Senesac | 198.47 | |
| George F. Smith | 1.26 | |
| O. R. Taber & Son | 40.87 | $1,019.52 |
| Hospital furnishings and supplies: — | | |
| Francis T. Akin | $133.85 | |
| Bliss & Nye | 4.89 | |

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|---|---|---|
| George L. Brownell | .87 | |
| Chadwick & Co. | 1,000.70 | |
| Coggeshall, Maxfield & Co. | 7.63 | |
| T. W. Croacher | .50 | |
| DeWolf & Vincent | 19.68 | |
| William G. Hayden | 1.05 | |
| Hillman, Washburn & Co. | .50 | |
| Household Furnishing Co. | 5.00 | |
| Kern & Wright | 16.48 | |
| John N. Morris | 25.60 | |
| Mosher & Andrews | 101.81 | |
| N. B. Rubber Co. | 26.50 | |
| Charles S. Paisler | 10.40 | |
| E. F. Penney | 10.37 | |
| C. G. & G. A. Randall | 18.13 | |
| George D. Richards | .90 | |
| Thomas G. Wing | 16.00 | $1,400.86 |
| Labor and nursing: — | | |
| Nettie Beaujoir | $65.15 | |
| George Brown | 689.50 | |
| Manuel Brown | 277.74 | |
| Mary Coyne | 38.60 | |
| Robert N. B. Doane | 45.75 | |
| George P. Healey | 126.50 | |
| James N. Peck | 11.00 | |
| Emma Richard | 32.86 | |
| Isaac D. Sampson | 534.96 | $1,822.06 |
| Police service: — | | |
| Thomas Deane | $10.00 | |
| N. B. Police Department | 1,646.85 | $1,656.85 |
| Physicians' fees: — | | |
| Edmund F. Cody | $417.00 | |
| Anna W. Croacher | 92.00 | |
| S. E. Donovan | 20.00 | |
| A. M. Peirce | 40.00 | |
| L. Forrest Potter | 40.00 | $609.00 |
| Rents: — | | |
| Edward Burns | $16.00 | |
| Frank E. Cote | 37.84 | |

| | | |
|---|---|---|
| Simeon Jacques | 18.00 | |
| Mary Sauve | 15.00 | |
| Joseph Tremblay | 16.56 | |
| Joseph C. Warren | 22.00 | $125.40 |
| Miscellaneous:— | | |
| George L. Brownell, ambulance | $210.00 | |
| E. C. Gardiner estate, horse hire | 98.55 | |
| Kirby & Hicks, carriage hire | 6.00 | |
| William E. Macomber, transportation | 17.65 | |
| Phaneuf & Son, hay and grain | 17.77 | |
| Allen Smith, jr., horse hire | 24.25 | |
| So. Mass. Telephone Co., service | 36.19 | |
| Napoleon Tessier, horse shoeing | 1.75 | |
| Union Street Railway Co., car tickets | 15.00 | |
| David Warren, carriage hire | 1.00 | $428.16 |
| | | $8,702.91 |
| To transfer to balance | | 218.41 |
| | | $8,921.32 |

Cr.

| | | |
|---|---|---|
| By special appropriation | $7,700.00 | |
| By transfer from unappropriated funds | 1,221.32 | $8,921.32 |

## BOARD OF HEALTH, LABORATORY.

Dr.

| | |
|---|---|
| To transfer to balance | $967.48 |

Cr.

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|---|---|
| December 2, 1901. By balance | $967.48 |

## CEMETERY BOARD.

Dr.

| | | |
|---|---|---|
| Pay rolls:— | | |
| Oak Grove Cemetery | $9,272.47 | |
| Pine Grove Cemetery | 681.77 | |
| Rural Cemetery | 11,885.62 | |
| Office | 476.00 | $22,315.86 |

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|---|---|---|
| Advertising, printing and stationery: — | | |
| E. Anthony & Sons | $1.56 | |
| A. E. Coffin Press | 275.70 | |
| Coffin Brothers | 3.00 | |
| W. H. Collins & Co. | 1.80 | |
| Frost & Adams Co. | 2.61 | |
| W. A. Greenough & Co. | 12.00 | |
| H. S. Hutchinson & Co. | 10.55 | |
| Library Bureau | 5.25 | |
| Mercury Publishing Co. | 1.45 | |
| F. H. Purrington | 35.25 | |
| Rand, McNally & Co. | 7.50 | |
| Suffolk Engraving & Electrotyping Co. | 91.58 | |
| Sullivan & Markey | 23.00 | |
| Robert W. Taber | 43.88 | $515.13 |
| Cinders, loam, sand and sod: — | | |
| William P. Butler | $14.03 | |
| John Connors | 142.00 | |
| Patrick Connors | 67.75 | |
| David Ferguson | 81.00 | |
| Highways and streets | 8.50 | |
| A. W. Perkins & Co. | 68.61 | |
| Sarah E. Sears | 47.02 | |
| John A. Smith | 40.00 | |
| Alexander A. Tripp | 57.00 | $525.91 |
| Dressing: — | | |
| H. T. Borden | $36.06 | |
| James Burke | 205.16 | |
| George A. Cobb | 5.52 | |
| John Connors | 29.33 | |
| Patrick Connors | 84.37 | |
| Albert S. Cox | 84.15 | |
| James Duddy | 169.42 | |
| Thomas Hersom & Co. | 20.62 | |
| Frank Perry & Co. | 114 83 | |
| Joseph F. Perry | 54.57 | |
| E. L. Potter | 14.50 | |
| Alexander A. Tripp | 74.60 | |
| Peleg C. Wilcox | 4.47 | $897.60 |

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| Hardware, tools and fitting:— | | |
| William P. Butler | $6.10 | |
| Bliss & Nye | 5.50 | |
| W. C. Barker Co. | 5.00 | |
| George A. Cobb | 11.95 | |
| Charles R. Cornell | 11.70 | |
| DeWolf & Vincent | 25.11 | |
| H. L. Donaghy | 78.34 | |
| T. M. Hart & Co. | 38.42 | |
| N. P. Hayes | 94.04 | |
| Hillman, Washburn & Co. | 60.16 | |
| John R. Linton & Sons | 12.50 | |
| Perry P. Jenney & Son | 7.66 | |
| S. C. Lowe | 37.50 | |
| C. W. H. Moulton & Co. | 2.25 | |
| D. F. Murphy | 6.83 | |
| National Burial Device Co. | 1.12 | |
| New Bedford Rubber Co. | 1.50 | |
| E. L. Potter | 1.15 | |
| George W. Randall | 5.60 | |
| C. R. Sherman & Son | 1.96 | |
| Julius C. Sylvia | 59.37 | |
| E. C. Taber | 4.00 | |
| C. H. Vinal | 20.00 | |
| Peleg C. Wilcox | 5.25 | |
| Wood, Brightman & Co. | 21.00 | $524.01 |
| Plants, seeds and shrubs:— | | |
| William P. Butler | .70 | |
| Clucas & Boddington Co. | 5.75 | |
| Henry A. Dreer | 6.50 | |
| Peter Henderson & Co. | 18.61 | |
| J. Frank Kirk | 26.00 | |
| R. W. Pease & Co. | 3.50 | |
| Providence Seed Co. | 1.20 | |
| Schelgel & Fottler Co. | 1.30 | |
| James M. Thorburn & Co. | 3.85 | |
| J. C. Vaughan | 1.65 | |
| Denys Zirngiebel | 5.00 | $74.06 |
| Salaries:— | | |
| Charles F. Cornell, superintendent | $1,200.00 | |
| P. A. Macomber, clerk | 936.00 | |
| Nelson L. Pike, sexton | 720.00 | |
| Hurlbert E. Thomas, sexton | 720.00 | $3,576.00 |

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|---|---|---|
| Stock and labor: — | | |
| C. L. Dunham | $10.02 | |
| D. L. Hathaway & Son | 306.26 | |
| Highways and streets | 54 71 | |
| James W. Hindle | 72.06 | |
| S. C. Lowe | 1.85 | |
| N. B. Gas & Edison Light Co. | 3.65 | |
| N. B. Water Works | 20.66 | |
| E. F. Penney | 9.21 | |
| C. R. Sherman & Son | 5.10 | $483.52 |
| Supplies: — | | |
| Robert W. Bartlett | $5.00 | |
| William P. Butler | 48.76 | |
| William H. Caswell | 28.75 | |
| DeWolf & Vincent | 20.95 | |
| Denison Brothers Co. | 65.00 | |
| W. F. Desmond | 107.58 | |
| David Duff & Son | 18 25 | |
| George A. Eggers | 16.50 | |
| N. P. Hayes | 7.50 | |
| V. A. Hammett | 6.34 | |
| Peter Henderson & Co. | 1.10 | |
| A. H. Hewes & Co. | 49.00 | |
| C. E. Higham | 34.80 | |
| William M. Higham | 9.40 | |
| James W. Hindle | 5.45 | |
| Highways and streets | 6.00 | |
| Albert W. Holmes | 33.25 | |
| N. B. Ice Co. | 26.06 | |
| N. B. Gas & Edison Light Co. | 2.00 | |
| Charles S. Paisler | 463.85 | |
| W. A. Robinson & Co. | 17.40 | |
| W. F. Sturtevant | 16.32 | |
| E. C. Taber | 9.99 | |
| William R. West | 19.78 | $1,019.03 |
| Miscellaneous: — | | |
| Automatic Telephone Co., service | $65.50 | |
| Edgar K. Delano heirs, lot | 50.00 | |
| D. H. DeMoranville, carting | .58 | |
| Charles A. Gray & Co., carting | 3.00 | |
| Kirby & Hicks, carriage hire | 6.00 | |

| | | |
|---|---|---|
| P. A. Macomber, clerk, disbursements | 137.08 | |
| Merchants National Bank, office rent | 300.00 | |
| David Metthe, carriage hire | 5.00 | |
| N. B. Gas & Edison Light Co., lighting | 15.05 | |
| N. B. Rubber Co., mat | 1.50 | |
| E. G. Reynolds, carriage hire | 12.00 | |
| Sanders & Barrows Clothing Co., caps | 10.25 | |
| Sherman & Perry, carriage hire | 11.00 | |
| Southern Mass. Telephone Co., service | 26.28 | |
| D. J. Sullivan, clock repairs | .75 | |
| Union Street Railway Co., car tickets | 155.00 | |
| Union Boot and Shoe Co., rubber boots | 23.00 | |
| Charles F. Wing, window shades | 2.40 | $824.39 |
| | | $30,755.51 |
| To transfer to balance | | 179.50 |
| | | $30,935.01 |

Cr.

| | | |
|---|---|---|
| By appropriation | $12,000.00 | |
| By special appropriation | 8,000.00 | |
| Receipts as per Treasurer's reports | 10,935.01 | $30,935.01 |

## CEMETERIES, SALE OF LOTS.

Dr.

| | | |
|---|---|---|
| Pay rolls:— | | |
| Oak Grove Cemetery | $101.10 | |
| Pine Grove Cemetery | 13.20 | |
| Rural Cemetery | 106.90 | $221.20 |
| Dressing:— | | |
| Frank V. Andrade | $20.75 | |
| Eugene G. Crapo | 14.00 | |
| Fred M. Hammer | 4.92 | $39.67 |
| Hardware and tools:— | | |
| Bliss & Nye | $4.75 | |
| DeWolf & Vincent | 12.45 | $17.20 |

| | | |
|---|---|---|
| Seeds and shrubs: — | | |
| R. & J. Farquhar & Co. | $1.60 | |
| Hiram H. Gurney & Co. | 51.25 | |
| J. Frank Kirk | 24.00 | |
| H. A. Jahn | 12.75 | |
| R. W. Pease & Co. | 3.50 | |
| George Richardson | 4.00 | $97.10 |
| Sod: — | | |
| James Burke | $3.00 | |
| John Connors | 25.00 | |
| Patrick Connors | 20.00 | |
| Sarah E. Sears | 17.25 | |
| John A. Smith | 98.00 | |
| Alexander A. Tripp | 40.00 | $203.25 |
| Stock and labor: — | | |
| Silvio Caron | $116.32 | |
| W. F. Desmond | 305.77 | |
| C. L. Dunham | 17.80 | |
| D. L. Hathaway & Son | 223.39 | |
| Highways and streets | 1,146.82 | |
| S. C. Lowe | 1.60 | |
| N. B. Water Works | 29.69 | |
| E. F. Penney | 20.80 | |
| E. B. Swift | 4.50 | |
| William R. West | 5.80 | |
| Wood, Brightman & Co. | 5.18 | $1,877.67 |
| Miscellaneous: — | | |
| Albright & Lightcap, markers | $66.18 | |
| Bliss & Nye, pots | 2.00 | |
| Richard P. Briggs, lot | 35.00 | |
| Silvio Caron, stubs | 42.18 | |
| DeWolf & Vincent, paint | 4.50 | |
| C. L. Dunham, heating plant | 350·00 | |
| C. L. Dunham, paper | 3.82 | |
| C. A. Gray & Co., freight and carting | 51.08 | |
| A. H. Hewes & Co., pots | 33.00 | |
| C. E. Higham, alcohol and acid | 19.25 | |
| P. P. Jenney & Son, settees | 96.00 | |

| | | |
|---|---|---|
| M. V. Mishler, markers | 160.00 | |
| N. B. Rubber Co., hose | 12.50 | $875.51 |
| | | $3,331.60 |
| To balance | | 864.20 |
| | | $4,195.80 |

Cr.

| | | |
|---|---|---|
| December 2, 1901. By balance | $239.80 | |
| Receipts as per Treasurer's reports | 3,956.00 | $4,195.80 |

Cr.

| | |
|---|---|
| December 1, 1902. Balance | $864.20 |

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## CEMETERY FUNDS.

Cr.

| | |
|---|---|
| December 1, 1902. By balance | $26,734.93 |

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## CITY PROPERTY.

Dr.

| | | |
|---|---|---|
| Advertising: — | | |
| E. Anthony & Sons | $14.60 | |
| Mercury Publishing Co. | 11.61 | $26.21 |
| Almshouse: — | | |
| Francis T. Akin | $1,289.81 | |
| Robert G. Brightman | .75 | |
| T. W. Croacher | 835.06 | |
| Michael Goggin | 100.00 | |
| Kirby & Hicks | 2.00 | |
| John N. Morris | 1,654.25 | |
| John V. O'Neil | 2.41 | |

| | | |
|---|---|---|
| Charles S. Paisler | 24.90 | |
| A. W. Perkins & Co. | 7.05 | |
| Sherman & Perry | 3.00 | $3,919.23 |
| City Hall: — | | |
| F. T. Akin | $6.59 | |
| William P. Briggs | 1.60 | |
| Samuel H. Cook | 100.00 | |
| DeWolf & Vincent | 1.65 | |
| E. M. Durfee | .35 | |
| George E. Hatch | 11.50 | |
| Highways and streets | 44.79 | |
| P. P. Jenney & Son | 27.34 | |
| N. B. Boiler and Mch. Co. | 59.94 | |
| N. B Gas & Edison Light Co. | 3.10 | |
| W. P. Peirce | 150.85 | |
| E. F. Penney | 39.35 | |
| R. W. Taber | 1.25 | |
| James H. Warren | 163.76 | |
| Wood, Brightman & Co. | .42 | $612.49 |
| Engine Houses: — | | |
| Peter Black | $20.09 | |
| Henry T. Bulman | 408.35 | |
| L. J. Damon | 276.22 | |
| M. Goggin | 14.01 | |
| George E. Hatch | 8.19 | |
| Johnson & Howland | 13.60 | |
| L. Lloyd | 5.00 | |
| J. L. G. Mason | 21.99 | |
| George H. McCarthy | 82.09 | |
| Edward Murphy | 501.45 | |
| A. W. Perkins & Co. | 269.32 | |
| John H. Ryan | 35.86 | |
| B. S. Sturtevant | 649.71 | |
| W. F. Sturtevant | 245.05 | |
| L. R. Washburn & Son | 853.13 | |
| Wm. R. West | 208.02 | $3,612.08 |
| Library Building: — | | |
| F. T. Akin | $1.40 | |
| W. P. Briggs | 4.00 | |
| C. S. & B. Cummings | .10 | |

| | | |
|---|---|---|
| L. F. Demoranville | .25 | |
| DeWolf & Vincent | 18.77 | |
| George W. Gay | 32.89 | |
| George E. Hatch | 17.10 | |
| Knight & Thomas | 87.00 | |
| N. B. Boiler & Mach. Co. | 45.76 | |
| N. B. Gas & Edison Light Co. | 56.53 | |
| N. Y., N. H. & H. R. R. Co. | .25 | |
| W. P. Pierce | 150.85 | |
| E. F. Penney | 68.38 | |
| A. W. Perkins & Co. | 64.51 | |
| G. W. Shaw | 10.00 | |
| L. R. Washburn & Son | 9.25 | |
| Wood, Brightman & Co. | 4.53 | $571.57 |
| Police Stations: — | | |
| A. M. Davenport | $24.92 | |
| George W. Gay | 142.77 | |
| F. A. Kempton, heirs | 25.00 | |
| Edward Murphy | 11.05 | |
| N. B. Gas. & Edison Light Co. | 5.92 | |
| John V. O'Neil | 85.65 | $295.31 |
| School Buildings: — | | |
| Lorenzo Burge, Hayes & Co. | $200.00 | |
| General sewers | 14.70 | |
| Edward S. Haskell | 9.00 | |
| Highways and streets | 8.35 | |
| Kirby & Hicks | 10.00 | |
| C. E. Kimball & Son | 82.50 | |
| N. B. Water Works | 53.32 | |
| Joseph H. Sullivan | 172.00 | $549.87 |
| Ward Rooms: — | | |
| David Kempton, 2nd heirs | $37.50 | |
| N. B. Gas & Edison Light Co. | 6.87 | |
| E. F. Penney | 3.80 | |
| B. I. Stowell | 1.00 | $49.17 |
| Wood and Coal Yard: — | | |
| L. R. Washburn & Son | $3.49 | $3.49 |
| | | $9,639.42 |

Cr.

| | | |
|---|---|---|
| By appropriation | $6,500.00 | |
| By transfer from unappropriated funds | 1,500.00 | $8,000.00 |
| Transfer to balance | | 1,639.42 |
| | | $9,639.42 |

## CITY PROPERTY, PORTABLE SCHOOLS ACCOUNT.

Cr.

| | |
|---|---|
| By special appropriation | $5,700.00 |

Cr.

| | |
|---|---|
| December 1, 1902. Balance | $5,700.00 |

## CITY PROPERTY, SPECIAL HIGH SCHOOL COMMITTEE.

Dr.

| | | |
|---|---|---|
| Henry P. Jenney, committee expenses | $20.95 | |
| December 1, 1902. To balance | 1,479.05 | $1,500.00 |

Cr.

| | |
|---|---|
| By transfer from unappropriated funds | $1,500.00 |

Cr.

| | |
|---|---|
| December 1, 1902. By balance | $1479.05 |

## COGGESHALL STREET BRIDGE.

Dr.

| | | |
|---|---|---|
| Pay rolls | | $16.75 |
| Greene & Wood, lumber | $35.65 | |
| Highways and streets, stock, labor and teaming | 115.12 | |
| C. G. & G. A Randall, timber | 25.58 | $176.35 |
| | | $193.10 |
| To transfer to balance | | 406.90 |
| | | $600.00 |

Cr.

| | |
|---|---|
| By appropriation | $600 00 |

## COGGESHALL STREET BRIDGE REPAIRS.

Cr.

| | |
|---|---|
| By special appropriation | $5,500 00 |

Cr.

| | |
|---|---|
| December 1, 1902. Balance | $5,500.00 |

## COMMONWEALTH OF MASSACHUSETTS, CHAPTER 79, REVISED LAWS, BURIAL OF SOLDIERS.

Dr.

| | | |
|---|---|---|
| December 2, 1901. To balance | | $791.75 |
| Robert G. Bennett | $140.00 | |
| J. D. Sullivan | 35.00 | |
| Weston C. Vaughan, Jr. | 280.00 | |
| E. T. Wilson & Son | 70.00 | $525.00 |
| | | $1,316.75 |

Cr.

| | | |
|---|---|---|
| Receipts as per Treasurer's reports | $945.00 | |
| December 1, 1902. Balance | 371.75 | $1,316.75 |

Dr.

| | |
|---|---|
| December 1, 1902. To balance | $371.75 |

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## COMMONWEALTH OF MASSACHUSETTS, CHAPTER 79, REVISED LAWS, MILITARY AID.

Dr.

| | |
|---|---|
| December 2, 1901. To balance | $1,252.89 |
| Disbursements by City Treasurer | 3,102.00 |
| | $4,354.89 |

Cr.

| | | |
|---|---|---|
| By appropriation | $1,500.00 | |
| Receipts as per Treasurer's reports | 1,295.23 | $2,795.23 |
| December 1, 1902. Balance | | 1,559.66 |
| | | $4,354.89 |

Dr.

| | |
|---|---|
| December 1, 1902. To balance | $1,559.66 |

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## COMMONWEALTH OF MASSACHUSETTS, CHAPTER 79, REVISED LAWS, STATE AID.

Dr.

| | |
|---|---|
| December 2, 1901. To balance | $10,652.53 |
| Disbursements by City Treasurer | 11,992.00 |
| | $22,644.53 |

Cr.

| | |
|---|---|
| Receipts as per Treasurer's reports | $11,601.50 |
| December 1, 1902. Balance | 11,043 03 |
| | $22,644.53 |

Dr.

| | |
|---|---|
| December 1, 1902, To balance | $11,043.03 |

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## COMMONWEALTH OF MASSACHUSETTS, CHAPTER 79, REVISED LAWS, SOLDIERS' RELIEF.

Dr.

| | | |
|---|---|---|
| Ashley & Peirce, clothing and furnishings | $12.02 | |
| H. A. Blackmer, hose | 4.00 | |
| Boston Beef Co., groceries | 573.00 | |
| C. H. Brownell & Son, groceries | 170 82 | |
| Church & Hammond, medicines | .75 | |
| City Treasurer, cash disbursements | 11,381.35 | |
| City of Worcester, supplies | 29.00 | |
| Driscol, Church & Hall, grocery orders | 24.00 | |
| David Duff & Son, fuel | 317.30 | |
| D. B. Folger, groceries | 93.00 | |
| G. F. Gray, groceries | 41.00 | |
| Albert W. Holmes, fuel | 17.90 | |
| William H. Humphrey, groceries | 6.00 | |
| Nichols & Damon, shoes | 4.00 | |
| John Notter, fuel | 3.00 | |
| N. Y., N. H. & H. R. R. Co., transportation | 5.35 | |
| Elmer E. Robbins, M. D., services | 2.00 | |
| J. F. Sullivan, M. D., services | 175.50 | |
| Taunton Insane Hospital, board | 87.29 | |
| D. K. Tripp, groceries | 24.00 | |
| Union Boot and Shoe Co., shoes and rubbers | 19.95 | |
| C. W. White, Jr., M.D., services | 16.00 | $13,007.23 |

CR.

| | | |
|---|---|---|
| By appropriation | $10,000.00 | |
| By transfer from unappropriated funds | 2,500.00 | $12,500.00 |
| Transfer to balance | | $507.23 |
| | | $13,007.23 |

## COURT JUDGMENTS.

DR.

| | | |
|---|---|---|
| Lucretia Coward | $68.03 | |
| Evelyn Davol | 494.50 | |
| Timothy Donohue | 2,500.00 | |
| Ellen O'Neil | 242.07 | |
| Joanna M. Shea | 900.00 | |
| Harriet P. Soule and others | 160.00 | $4,364.60 |

CR.

| | |
|---|---|
| Transfer to balance | $4,364.60 |

## DEPARTMENT OF WHARVES.

DR.

| | |
|---|---|
| P. Black, labor | $1.36 |
| Joseph Donaghy, wharfinger, fees | 328.90 |
| Commissioners of Sinking Funds | 1,040.00 |
| James Duddy, cinders | 6.00 |
| Greene & Wood, timber | 272.93 |
| Highways and streets, stock, labor and teaming | 7.65 |
| Charles F. Keen, stock and labor | 2.50 |
| Joseph S. Lewis, Jr., stock and labor | 27.76 |
| John J. Meaney, stock and labor | 131.65 |
| N. B. Cordage Co., rope | 9.60 |
| N. B., M. V. & N. Steamboat Co., pipe, etc. | 10.00 |
| N. B. Gas & Edison Light Co., naptha light | 11.51 |

| | | |
|---|---|---|
| N. B. Water Works, metered water | 23.30 | |
| N. B. Water Works, service and extension | 383.32 | |
| Public debt, interest | 2,080.00 | |
| C. R. Sherman & Son, stock and labor | .75 | |
| John B. Sherman, stock and labor | 13.86 | $4,351.09 |
| December 1, 1902. To balance | | 2,649.05 |
| | | $7,000.14 |

Cr.

| | | |
|---|---|---|
| December 2, 1901. Balance | $259.49 | |
| Receipts as per Treasurer's reports | 6,740.65 | $7,000.14 |

Cr.

| | |
|---|---|
| December 1, 1902. By balance | $2,649.05 |

## ELECTIONS.

Dr.

| | | |
|---|---|---|
| Advertising: | | |
| E. Anthony & Sons | $374.64 | |
| Catholic Union Publishing Co. | 244.25 | |
| L'Independant Publishing Co. | 247.39 | |
| Mercury Publishing Co. | 319.97 | |
| Times Publishing Co. | 37.80 | $1,224.05 |
| Carriage hire: | | |
| Isaac L. Ashley | $9.00 | |
| Charles R. Cornell | 12.00 | |
| E. C. Gardiner estate | 6.00 | |
| Kirby & Hicks | 19.50 | |
| J. Henry Peirce | 3.00 | |
| W. H. & L. F. Peirce | 3.00 | |
| Edward M. Peirce | 6.00 | |
| E. G. Reynolds | 18.00 | |
| William D. Richards | 6.00 | |
| A. A. Sylvia | 15.00 | |
| Sherman & Perry | 11.00 | |
| David Warren | 18.00 | $126.50 |

| | | |
|---|---|---|
| Clerical services : | | |
| Edwin B. Jourdain | $10.00 | |
| George W. Parker | 17.50 | |
| W. H. B. Remington | 5.00 | |
| Rodolphus A. Swan | 10.00 | |
| Warren P. Tobey | 10.00 | $52.50 |
| Fitting polling places : | | |
| John W. Carter | $16.40 | |
| Faunce & Johnson | 100.45 | |
| Patrick Featherstone | 24.70 | |
| A. D. Piper | 11.00 | |
| A. P. Pope & Co. | 56.50 | $209.05 |
| Fuel : | | |
| City Coal Co. | $4.30 | |
| John Notter | 2.00 | |
| John N. O'Brien | 1.50 | $7.80 |
| Pay of precinct officers : | | |
| Municipal election | $640.00 | |
| State election | 648.00 | $1,288.00 |
| Printing, binding and stationery : | | |
| A. E. Coffin Press | $129.85 | |
| W. H. Collins & Co. | 26.25 | |
| W. A. Greenough & Co. | 5.00 | |
| H. S. Hutchinson & Co. | 5.00 | |
| Mercury Publishing Co. | 917.95 | |
| Sullivan & Markey | 5.25 | |
| Robert W. Taber | 16.70 | $1,106 00 |
| Refreshments : | | |
| Albion T. Brownell | $16.00 | |
| E. B. Sherman & Co. | 22.05 | |
| F. H. Winship | 18.80 | $56.85 |
| Rents : | | |
| L. J. Jenkins | $50.00 | |
| Dawson & Son | 25.00 | |
| David Kempton, 2nd, heirs | 37.50 | $112.50 |

| | | |
|---|---|---|
| Miscellaneous : | | |
| James T. Almy, stamps | $1.50 | |
| Briggs & Lawrence, furniture rent | 1.10 | |
| Coggeshall, Maxfield & Co., labor | .85 | |
| C. S. & B. Cummings, matches | .20 | |
| John A. Gomley, carting | 51.00 | |
| N. P. Hayes, tacks | .71 | |
| Highways and streets, labor and carting | .50 | |
| N. B. Gas & Edison Light Co., labor and lighting | 11.47 | |
| E. F. Penney, use of stoves | 26.50 | |
| C. B. Piper, services | 27.00 | |
| D. M. Piper, services | 8 00 | |
| Robert S. Robson, inspection and expenses | 17.50 | |
| F. R. Slocum Co., furniture rent | 2.50 | |
| So. Mass. Telephone Co., service | 32 05 | |
| Manuel Sylvia, carting | 1.25 | |
| Charles F. Wing, furniture rent | 4.63 | $186.76 |
| | | $4,370.01 |

Cr.

| | | |
|---|---|---|
| By appropriation | $4,200.00 | |
| Transfer to balance | 170.01 | $4,370.01 |

## ENGINEERING DEPARTMENT.

Dr.

| | | |
|---|---|---|
| Pay rolls | | $7,290.25 |
| Francis T. Akin, painting and brushes | $16.25 | |
| A. W. Allen, stubs | 3.00 | |
| A. W. Allen estate, floats | 1.88 | |
| Allen's Express, service | .25 | |
| Almy & Hitch, labor | 1.75 | |
| A. V. Benoit, paper | 27.25 | |
| Bliss & Nye, tray | .67 | |
| Charles O. Brightman, stock and labor | 268.81 | |
| F. S. Brightman Co., stationery | 34.03 | |
| Buff & Buff Mfg. Co., repairs | 69.05 | |

| | |
|---|---|
| Carter, Rice & Co., paper | 43.00 |
| Church & Hammond, sundries | 1.30 |
| A. E. Coffin Press, printing | 23.75 |
| W. H. Collins & Co., books, binding and printing | 42.00 |
| C. S. & B. Cummings, matches, paper and soap | 2.57 |
| DeWolf & Vincent, hardware | 5.65 |
| Eugene Dietzgen Co., instruments | 7.04 |
| Draper Mfg. Co., charts and pens | 8.90 |
| David Duff & Son, carting | 1.00 |
| John Duff, P. M., stamped envelopes | 21.20 |
| Engineering News Publishing Co., pocket book | 5.00 |
| Julien Friez, battery and instruments | 239.50 |
| Frost & Adams Co., books and stationery | 27.74 |
| Harriet H. Gilman, rent and lighting | 755.04 |
| Globe-Wernicke Co., card cases | 18.75 |
| T. M. Hart & Co., twine | .22 |
| Haskell & Tripp, cloth and towels | 3.60 |
| Hatch & Co., express charges | 11 03 |
| D. L. Hathaway & Son, new case and floors | 90.00 |
| N. P. Hayes, hardware | 2.40 |
| Highways and streets, setting bound stones | 10.21 |
| H. S. Hutchinson & Co., books and stationery | 7.98 |
| Frank M. Jenkins, mantles and chimneys | 2.10 |
| J. S. Kelley & Son, clock repairs | 4.50 |
| E. V. Kendall, typewriting | 5.00 |
| Keuffel & Esser Co., instruments and stationery | 12.32 |
| Kirby & Hicks, carriage hire | 14.00 |
| Library Bureau, filing cases and cards | 70.13 |
| James E. Moody, repair of instruments, etc. | 3.80 |
| N. B. Co-Operative Express Co., service | 1.15 |
| N. B. Gas & Edison Light Co., lighting | 5.05 |
| N. B. Ice Co., ice | 36.96 |
| N. B. Rubber Co., mat | 1.50 |
| N. B. Steam Laundry Co., washing towels | 4.00 |
| N. Y., N. H. & H. R. R. Co., freight | .25 |
| N. Y., N. H. & H. R. R. Co., mileage books | 90.00 |
| George H. Nye, services | 142.79 |
| Packard Hardware Co., trowel | .40 |
| Providence Ideal Ventilator Co., ventilators | 12.15 |
| Mortimer Searles, numbering machine | 12.00 |
| C. R. Sherman & Son, sundries | .50 |
| Sherman & Perry, hacking | 4.75 |
| Southern Mass. Telephone Co., service | 59.68 |

| | | |
|---|---|---|
| Southern Mass. Telephone Co., tolls | 9.66 | |
| Spalding Print Paper Co., paper and cloth | 49.45 | |
| Carl Strauss, pencil sharpener | 9.00 | |
| Sullivan & Markey, binding | 2.00 | |
| Robert W. Taber, office supplies and stationery | 47.72 | |
| Joseph G. Tirrell, photographs | .50 | |
| U. S. Coast and Geodetic Survey, tracings | 14.00 | |
| Union Street Railway Co., car tickets | 200.00 | |
| Samuel Ward & Co., copying bath | 4.50 | |
| W. U. Telegraph Co., service | 1.59 | |
| William F. Williams, city engineer, office and travelling expenses | 71.50 | |
| Charles F. Wing, shades and furnishings | 38.15 | |
| Wood, Brightman & Co., gas fixtures | 1.10 | |
| J. Smithson Wright, basket | 1.75 | |
| Wyckoff, Seamans & Benedict, stationery | 14.95 | $2,699.72 |
| | | $9,989.97 |
| To transfer to balance | | 310.03 |
| | | $10,300.00 |

Cr.

| | | |
|---|---|---|
| By appropriation | $10,000.00 | |
| By transfer from unappropriated funds | 300.00 | $10,300.00 |

## ENGINEERING DEPARTMENT.

### Investigation of the Tidal Currents in the Acushnet River and Clark's Cove.

Dr.

| | | |
|---|---|---|
| Pay rolls | | $113.36 |
| Francis T. Akin, paint and brush | $ .55 | |
| Bartlett Allen, boat hire | 50.00 | |
| A. W. Allen estate, wood floats | 3.99 | |
| C. L. Dunham, lead weights | 3.36 | |
| T. M. Hart & Co., lead and line | .74 | |

| | | |
|---|---|---|
| Haskell & Tripp, cheese cloth | .20 | |
| Kern & Wright, turpentine | .60 | $59.44 |
| | | 172.80 |
| December 1, 1902. To balance | | $1,027.20 |
| | | $1,200.00 |

Cr.

| | |
|---|---|
| December 2, 1901. By balance | $1,200.00 |

Cr.

| | |
|---|---|
| December 1, 1902. Balance | $1,027.20 |

## FIRE DEPARTMENT.

Dr.

| | | |
|---|---|---|
| Salaries: | | |
| Frederick Macy, chief engineer | $1,500.00 | |
| Edward F. Dahill, 1st assistant engineer | 600.00 | |
| James J. Donaghy, 2nd assistant engineer | 300.00 | |
| William E. Watson, 3rd assistant engineer | 300.00 | |
| Robert Woolfenden, Jr., 4th ass't engineer | 300.00 | |
| Frederick B. Macy, clerk | 200.00 | $3,200.00 |
| Pay rolls: | | |
| Permanent men | | $42,697.41 |
| Protecting Society | | 150.00 |
| Engine Co. No. 1 | $1,619.78 | |
| " " " 2 | 1,510.48 | |
| " " " 4 | 1,552.35 | |
| " " " 5 | 1,498.08 | |
| " " " 6 | 1,795.66 | |
| " " " 7 | 1,552.35 | |
| " " " 8 | 1,715.03 | |
| " " " 9 | 1,341.60 | |
| Hook and Ladder Co., No. 1 | 1,711.79 | |
| " " " " " 2 | 1,547.98 | |
| " " " " " 3 | 1,515.76 | |
| Hose Co. No. 2 | 874.98 | |
| Chemical Engine Co., No. 1 | 527.99 | $18,763.83 |

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|---|---|---|
| Blacksmithing : | | |
| A. H. Bassett, Jr. | $57.96 | |
| Willard B. Bennett | 1.00 | |
| F. A. Bonneau | 254.19 | |
| Joseph Charpentier | 27.00 | |
| U. E. Collette | 133.59 | |
| H. L. Donaghy | 220.89 | |
| E. M. Durfee | 46.95 | |
| J. B. Farrell | 22.14 | |
| Fichtenmayer & Flynn | 810.38 | |
| N. T. Fuller | 229.47 | |
| Jonathan Handy Co. | 6.90 | |
| A. E. Hathaway | 188.45 | |
| J. L. Luce | 106.58 | |
| E. B. Macy | 66.08 | |
| R. T. Refuse | 23.15 | |
| Julius C. Sylvia | 46.71 | $2,241.44 |
| Fuel : | | |
| H. T. Borden | $4.25 | |
| City Coal Co. | 266.83 | |
| Denison Brothers Co. | 603.36 | |
| John N. O'Brien | 5.00 | |
| Spencer's Wood Yard | 2.50 | $881.94 |
| Hay, grain, etc. : | | |
| George B. Ashley | $16.69 | |
| William Baylies | 1,067.72 | |
| Edwin Blossom | 6.08 | |
| J. A. Bouvier | 241.22 | |
| J. G. Davoll | 34.80 | |
| Denison Plummer Co. | 53.63 | |
| John F. Hatch | 28.08 | |
| W. E. Hathaway | 269.84 | |
| E. Horvitz & Son | 383.80 | |
| Perry P. Jenney & Son | 13.00 | |
| Charles S. Kelley | 334.35 | |
| J. Frank Kirk | 221.55 | |
| Mortimer McCarty | 986.42 | |
| John Notter | 196.95 | |
| Seth K. Peirce | 21.37 | |
| Poor Department | 1,211.55 | |
| Frank M. Sparrow, agent | 112.00 | |
| Warren Thatcher | 41.50 | |
| Samuel Wing | 51.04 | $5,291.59 |

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|---|---|---|
| Harness and repairs : | | |
| Charles E. Berry | $44.65 | |
| George A. Bosworth | 17.82 | |
| William Cronin & Co. | 385.42 | |
| C. F. Cushing | 37.40 | |
| DeWolf & Vincent | .25 | |
| F. A. Frates | 91.95 | |
| George G. Huddy | 13.08 | |
| C. N. Perkins & Co. | 21.00 | $611.57 |
| Horse and carriage hire : | | |
| H. T. Ashley | $22.00 | |
| Isaac L. Ashley | 8.75 | |
| J. V. Bancroft | 20.00 | |
| S. Desautels | 20.00 | |
| James Duddy | 35.50 | |
| Kirby & Hicks | 2.00 | |
| Isaac H. Manchester | 20.00 | |
| Mortimer McCarty | 20.00 | |
| Edward M. Peirce | 8.00 | |
| Timothy Sheehan | 4.50 | |
| Allen Smith, Jr. | 13.00 | |
| David Warren | 2.00 | $175.75 |
| Repairs of fire stations : | | |
| F. T. Akin | $5.76 | |
| Babbitt, Wood & Co. | 92.82 | |
| W. F. Desmond | .20 | |
| C. L. Dunham | 66.76 | |
| Francis W. Hammond | 108.32 | |
| George E. Hatch | 5.60 | |
| Highways and streets | 54.43 | |
| S. C. Lowe | 6.42 | |
| S. C. Lowe Supply Co. | 37.80 | |
| John J. Meaney | 36.12 | |
| Edward Murphy | 24.64 | |
| Nelson Brothers | 8.07 | |
| N. B. Gas & Edison Light Co. | 10.92 | |
| E. F. Penney | 20.93 | |
| John H. Ryan | 7.96 | |
| John B. Sullivan & Son | 8.00 | |
| Martin H. Sullivan | 137.27 | |
| Charles Thompson | 15.05 | |

| | | |
|---|---|---|
| Joseph C. Warren | 16.70 | |
| L. R. Washburn & Son | 90.88 | |
| William R. West | 4.72 | $759.37 |

Supplies:

| | | |
|---|---|---|
| Acushnet Iron Co. | $35.44 | |
| F. T. Akin | 19.29 | |
| American Locomotive Co. | 19.20 | |
| American Steel and Wire Co. | 120.00 | |
| American Supply Co. | 7.60 | |
| Babbitt, Wood & Co. | 37.48 | |
| H. P. Babson | 16.00 | |
| James E. Blake | 3.92 | |
| Bliss & Nye | 38.98 | |
| Briggs & Lawrence | 6.00 | |
| William H. Brown | 6.00 | |
| William H. Caswell | 14.20 | |
| N. P. Chase | 13.50 | |
| George A. Cobb | 63.31 | |
| Pardon Cornell | 13.00 | |
| H. T. Corson | 11.45 | |
| C. S. & B. Cummings | 5.38 | |
| Edward F. Dahill | 4.36 | |
| DeWolf & Vincent | 12.79 | |
| James S. Dick | .85 | |
| J. B. Dion | 1.85 | |
| F. M. Douglass | 91.45 | |
| Driscol, Church & Hall | 134.85 | |
| C. L. Dunham | 17.85 | |
| D. W. Fisher & Co. | 10.00 | |
| F. M. Frank Disinfecting Co. | 15.00 | |
| Greene & Wood | 124.11 | |
| T. M. Hart & Co. | .50 | |
| Hathaway & Co. | 3.95 | |
| Hillman, Washburn & Co. | 43.73 | |
| George Kirby, Jr., & Co. | 15.28 | |
| Alexandre La Fontaine | 8.50 | |
| C. H. & H. A. Lawton Co. | .90 | |
| Isaac H. Manchester | 5.00 | |
| Moore & Dick | .85 | |
| T. J. Moriarty | 27.63 | |
| Morse Twist Drill & Machine Co. | 6.44 | |
| Moynan & Co. | 7.50 | |

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|---|---|---|
| National Sponge & Chamois Co. | 59.27 | |
| N. B. Boiler & Machine Co. | 130.17 | |
| N. B. Cordage Co. | 7.30 | |
| N. B. Gas & Edison Light Co. | .40 | |
| N. B. Ice Co. | 65.97 | |
| Packard Hardware Co. | 56.23 | |
| Frank R. Pease | 1.60 | |
| E. F. Penney | .75 | |
| Pettingell-Andrews Co. | 27.52 | |
| Poisson Brothers | 3.58 | |
| Popes Island Mfg. Co. | .51 | |
| W. A. Robinson & Co. | 4.00 | |
| Ruggles & Ellison | 19.36 | |
| C. R. Sherman & Son | .75 | |
| F. R. Slocum Co. | 5.00 | |
| J. V. Spare Dry Goods Co. | 41.17 | |
| Standard Paint Co. | 5.00 | |
| Arthur H. Swift | 51.00 | |
| Charles H. Tripp | 10.00 | |
| Wamsutta Mills | 14.00 | |
| William R. West | 10.07 | |
| S. Whitlow | 7.13 | |
| Charles F. Wing | 73.73 | |
| Wood, Brightman & Co. | 13.65 | |
| Alfred H. York | 6.00 | $1,578.30 |

Miscellaneous:

| | | |
|---|---|---|
| A. W. Allen, hook handles and poles | $5.60 | |
| Allen's Express, charges | 1.00 | |
| Almy & Hitch, decorations and flag | 10.85 | |
| E. Anthony & Sons, subscriptions | 48.00 | |
| Automatic Telephone Co., service | 54.83 | |
| Henry K. Barnes, extinguishers | 66.00 | |
| Henry K. Barnes, hose and couplings | 1,471.00 | |
| John B. Baylies, chairs | 9.90 | |
| F. A. Bonneau, wagon painting | 45.00 | |
| D. D. Briggs, disbursements | 60.90 | |
| F. S. Brightman Co., stationery | 13.00 | |
| Cornelius Callahan Co., hose couplings | 137.40 | |
| A. E. Coffin Press, printing | 65.25 | |
| U. E. Collette, wagon painting | 35.00 | |
| Walter H. Darling, steward | 20.00 | |
| William L. Davis, painting | 4.00 | |

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|---|---|---|
| W. E. Decrow, alarm boxes and repairs | 1,125.60 | |
| D. H. De Moranville, freight and carting | .50 | |
| H. L. Donaghy, painting wagon | 21.50 | |
| Albert A. Dunlap, medicine and services | 180.00 | |
| N. T. Fuller, painting wagon | 72.15 | |
| General sewers, labor | 33.45 | |
| Charles A. Gray & Co., freight and carting | 11.72 | |
| W. A. Greenough & Co., directory | 4.00 | |
| Hatch & Co., express charges | 3.00 | |
| A. E. Hathaway, rent of shed | 120.00 | |
| L. J. Hathaway, wagon repairs | 15.65 | |
| Hayes Hose Elevator Co., hose hoists | 100.00 | |
| Highways and streets, labor | 7.88 | |
| A. V. Jason, building wagon | 100.00 | |
| W. L. Kelley, clock | 7.50 | |
| C. L. Kenyon & Co., horses | 1,735.00 | |
| Frederick Macy, board of horse | 300.00 | |
| Frederick Macy, chief, disbursements | 116.20 | |
| Mercury Publishing Co., subscription | 6.00 | |
| N. B. Boiler & Machine Co., heater | 177.24 | |
| N. B. Five Cents Savings Bank, rent shed | 24.00 | |
| N. B. Gas & Edison Light Co., lighting | 651.74 | |
| N. B. Rubber Co., hose | 8.75 | |
| N. B. Steam Carpet Beating Establishment, cleaning carpets | 34.88 | |
| New Departure Mfg. Co., bell | 18.00 | |
| N. J. Car Spring & Rubber Co., suction hose | 36.30 | |
| E. F. Penney, oil heater | 5.00 | |
| Ruggles & Ellison, flag | 7.50 | |
| J. H. Shea, Jr., horse dentistry | 73.00 | |
| James Slater, decorations | 10.00 | |
| So. Mass. Telephone Co., service | 442.66 | |
| Henry C. Stoehr & Co., whips and clippers | 52.50 | |
| Sullivan & Markey, binding | 5.25 | |
| Robert W. Taber, stationery and advertising | 14.85 | |
| Welsbach Lighting Co., damages | 8.00 | |
| Edmond L. Wilde, services | 50.00 | |
| Robert Woolfenden, laundry | 37.70 | |
| E. E. Wright, flag | 10.00 | $7,675.25 |
| | | $84,026.45 |
| To transfer to balance | | 197.05 |
| | | $84,223.50 |

Cr.

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|---|---|---|
| By appropriation | $78,000.00 | |
| By special appropriation | 5,500.00 | |
| Receipts as per Treasurer's reports | 723.50 | $84,223.50 |

## FOURTH OF JULY CELEBRATION.

Dr.

| | | |
|---|---|---|
| Advertising : | | |
| E. Anthony & Son | $111.37 | |
| Bartholo & Co. | 8.00 | |
| Catholic Union Publishing Co. | 52.00 | |
| Daily L'Independant | 20.00 | |
| Mercury Publishing Co. | 98.45 | |
| Times Publishing Co. | 5.70 | $295.52 |
| Athletic sports : | | |
| Buzzards Bay Baseball League | $150.60 | |
| James Cawley, teaming | 3.00 | |
| James Dowling, chairs | 1.76 | |
| George H. Hedge, chairman, prize money | 384.25 | |
| John J. Meaney, labor and stock | 21.74 | |
| Edward C. Taber, sundries | .66 | |
| Henry W. Tripp, labor and stock | 10.38 | $572.39 |
| Bell ringing : | | |
| Lord Barker | $5.00 | |
| Henri Blanchette | 3.00 | |
| Judson A. Burt | 3.00 | |
| W. W. Guthrie | 3.00 | |
| James Harding | 9.00 | |
| E. M. L. Jackson | 3.00 | |
| James D. T. Kent | 3.00 | |
| E. A. Lawrence | 3.00 | |
| A. R. Maxfield | 3.00 | |
| John Michelson | 3.00 | |
| G. L. Rau | 5.00 | |
| Edward F. Robenolt | 3.00 | |

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|---|---|---|
| Joseph S. Spooner | 3.00 | |
| J. H. Warfield | 3.00 | |
| Cornelius A. Webb | 3.00 | |
| William H. Weston | 3.00 | $58.00 |
| Fireworks displays: | | |
| George W. Lobdell, agent | $256.50 | |
| Frank R. Pease | 250.00 | |
| Edward E. Wright | 267.00 | $773.50 |
| Horse and carriage hire: | | |
| Braddock Andress | $3.00 | |
| Isaac L. Ashley | 22.00 | |
| Louis J. Bellenoit, treasurer | 15.00 | |
| A. R. Caswell | 10.00 | |
| Robert Cooke | 4.00 | |
| Charles R. Cornell | 5.00 | |
| D. H. De Moranville | 10.00 | |
| Thomas J. Gifford & Co. | 20.00 | |
| Kirby & Hicks | 20.00 | |
| Henry Lomba | 10.00 | |
| Frank Monty | 5.00 | |
| C. H. Murphy & Son | 5.00 | |
| F. H. Peckham | 10.00 | |
| J. Henry Peirce | 15.00 | |
| Joseph F. Perry | 10.00 | |
| E. G. Reynolds | 5.25 | |
| Sherman & Perry | 45.00 | |
| Allen Smith, Jr. | 10.00 | |
| A. A. Sylvia | 10.00 | |
| Union Veteran Legion | 25.00 | |
| Wamsutta stables | 13.00 | |
| William B. Wood | 10.00 | |
| B. Franklin Wordell | 3.50 | $585.75 |
| Music: | | |
| Blackwelle's band | 80.00 | |
| Gray & Sullivan | 220.00 | |
| Hill's band | 210.00 | |
| New Bedford band | 220.00 | |
| David J. Price | 3.00 | |
| Reiter's National band | 220.00 | |
| Union National band | 220.00 | |
| Ward Six Drum Corps | 60.00 | $1,233.00 |

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| Procession prizes: | | |
| John W. Bannister | $30.00 | |
| G. H. V. D. Cleveland | 20.00 | |
| A. E. Coffin Press | 35.00 | |
| L. F. De Moranville | 17.50 | |
| James Duddy | 17.50 | |
| French National float | 72.50 | |
| Guarde Independante | 20.00 | |
| H. S. Hutchinson & Co. | 15.00 | |
| New Bedford Furniture Co | 50.00 | |
| New Bedford post office employes | 40.00 | |
| Edward F. Penney | 5.00 | |
| Poisson Brothers | 10.00 | |
| Portuguese National float | 72.50 | |
| J. V. Spare Dry Goods Co. | 75.00 | |
| St. Michael's Society Guard of Honor | 15.00 | |
| Surprise Clothing Co. | 100.00 | |
| White Tailoring Co. | 25.00 | $620.00 |
| Miscellaneous: | | |
| Allen's Express, charges | $22.00 | |
| Y. W. Ames, services | 3.00 | |
| Leopold Bartel, services | 15.00 | |
| Blair Sign Co., card | .75 | |
| R. G. Brightman, carting | 8.00 | |
| Albion T. Brownell, dinner and luncheon | 265.35 | |
| A. E. Coffin Press, printing | 33.45 | |
| C. S. & B. Cummings, groceries and fruit | 10.13 | |
| John W. Footman, firing salutes | 65.00 | |
| Arthur W. Forbes, services and expenses | 18.30 | |
| Joseph L. Gibbs, transportation militia, etc. | 203.05 | |
| Harriet H. Gilman, rent and souvenirs | 21.43 | |
| Francis W. Hammond, building band stands | 47.85 | |
| Highways and streets, labor | 9.00 | |
| Kern & Wright, cloth and labor | 16.50 | |
| William G. Lamb, services | 2.50 | |
| John H. Lawrence, marshal, expenses | 5.74 | |
| Henry W. Mason, expenses | 4.50 | |
| Mercury Publishing Co., printing | 9.00 | |
| N. B. Gas & Edison Light Co., special lights | 9.00 | |
| A. P. Pope, fitting and carting band stands | 40.78 | |
| Walter W. Powers, services and expenses | 34.71 | |
| William Read & Sons, horse equipments | 90.00 | |

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|---|---|---|
| J. Harrington Sherman, labor | 8.00 | |
| Frank B. Sistare, reviewing stand | 75.66 | |
| F. R. Slocum Co., furniture for prizes | 80.20 | |
| The Whitehead & Hoeg Co., badges | 10.00 | |
| Charles F. Wing, rent of chairs | 19.27 | $1,128.17 |
| | | $4,966.33 |
| To transfer to balance | | 33.67 |
| | | $5,000.00 |

Cr.

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| By special appropriation | $5,000.00 |

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## FREE PUBLIC LIBRARY.

Dr.

| | |
|---|---|
| Salaries and pay rolls: | |
| George H. Tripp, librarian | $2,479.13 |
| B. W. Pennock, assistant librarian | 137.50 |
| Ethel D. Anthony, assistant | 24.00 |
| Nellie C. Devol, " | 262.69 |
| Anna M. De Wolf, " | 622.50 |
| Florence E. Farwell, " | 18.00 |
| Susie H. Gammons, " | 585.00 |
| Etta F. Lawrence, " | 585.00 |
| Emma J. Merrick, " | 57.00 |
| Josephine A. Merrick, " | 585.00 |
| Florence E. Pierce, " | 567.00 |
| Myra M. Watson, " | 37.00 |
| Clement L. Yaeger, " | 703.34 |
| Robert Allen, attendant, | 312.00 |
| William Brown, " | 190.00 |
| B. H. Humphries, " | 75.00 |
| E. H. B. Humphries, " | 50.00 |
| Richard Ames, janitor | 27.00 |
| Yorick W. Ames, " | 767.00 |
| William G. Lamb, fireman, | 68.00 |
| Joseph Birtwhistle, page, | 54.00 |
| Timothy J. Calnen, " | 59.50 |

| | | |
|---|---|---|
| George P. Gifford, page | 3.50 | |
| William F. Gifford, " | 14.00 | |
| Harold M. Horton, " | 17.50 | |
| John Hoyle, " | 42.00 | |
| Clarence Leavitt, " | 31.50 | |
| James McCarthy, " | 182.00 | |
| Henry McCarthy, " | 136.00 | |
| Michael J. Sheehan, " | 63.00 | |
| Gabriel Schultz, " | 150.50 | $8,905.66 |
| Binding: | | |
| W. H. Collins & Co. | $294.55 | |
| H. S. Hutchinson & Co. | 264.40 | |
| Sullivan & Markey | 351.05 | $910.00 |
| Printing: | | |
| E. Anthony & Sons | $347.18 | |
| A. E. Coffin Press | 22.50 | |
| Mercury Publishing Co. | 4.75 | $374.43 |
| Subscriptions: | | |
| A. L. A. Publishing Board | .50 | |
| George L. Briggs | 383.05 | |
| Cumulative Index Co. | 5.00 | |
| Current History Co. | 1.50 | |
| Douglas & Foulis | 5.91 | |
| William H. Guild & Co. | 468.78 | |
| H. S. Hutchinson & Co. | 2.20 | |
| Mercury Publishing Co. | 6.00 | |
| George R. Phillips | 2.28 | |
| H. V. & H. W. Poor | 10.00 | |
| Review of Reviews Co. | 6.00 | |
| Rudder Publishing Co. | 3.50 | |
| Robert W. Taber | 16.00 | |
| C. D. Waldron | 1.00 | |
| H. W. Wilson | 3.00 | $914.72 |
| Miscellaneous: | | |
| Francis T. Akin, stock and labor | $13.33 | |
| Asa L. W. Allen, stock and labor | 18.65 | |
| Blossom Brothers, blocks | 12.85 | |
| Boston Book Co., books | 105.00 | |
| Briggs & Lawrence, furniture repairs | 15.95 | |

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|---|---|---|
| F. S. Brightman & Co., stationery and books | 9.09 | |
| T. S. Buck Co., stamp rack | 2.50 | |
| City Treasurer, money orders | 6.07 | |
| Coggeshall, Maxfield & Co., tins | 2.50 | |
| W. H. Collins & Co., paper | 17.00 | |
| Continental Brush Co., floor brush | 4.30 | |
| Levi L. Crane, pens | 2.65 | |
| Denison Mfg. Co., labels | 5.00 | |
| C. A. Gray & Co., freight and carting | 9.52 | |
| H. S. Hutchinson & Co., stationery | 13.61 | |
| W. L. Kelley, badge | 1.50 | |
| Library Bureau, cards, files and paper | 80.17 | |
| N. B. Gas & Edison Light Co., fixtures and labor | 14.95 | |
| Packard Hardware Co., step ladders | 4.10 | |
| Pneumatic Hand Stamp Co., dates | 1.04 | |
| Rogers Manifold & Carbon Paper Co., book | 3.15 | |
| E. H. Shaw & Co., basket | .90 | |
| C. R. Sherman & Son, repairs | 2.30 | |
| Smith Premier Co., typewriter and book | 106.50 | |
| So. Mass. Telephone Co., service | 30.00 | |
| Carl Strauss, pencil sharpener | 9.00 | |
| Robert W. Taber, stationery | 46.98 | |
| Union Street Railway Co., car tickets | 60.00 | |
| Mary Watson, services | 161.25 | |
| Charles F. Wing, furniture and shades | 61.80 | $821.66 |
| | | $11,926.47 |
| To transfer to balance | | 73.53 |
| | | $12,000.00 |

Cr.

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|---|---|
| By appropriation | $12,000.00 |

## FREE PUBLIC LIBRARY, DOG FUND.

Dr.

| | |
|---|---|
| American Statistical Association, subscription | $2.00 |
| E. Anthony & Sons, paper and printing | 27.50 |

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|---|---|---|
| E. Anthony & Sons, subscription | 6.00 | |
| H. H. Ballard, binder | 5.00 | |
| F. Apollos Bradley, binders | 44.65 | |
| George L. Briggs, subscriptions | 23.50 | |
| W. P. Chase & Co., cutter | 16.00 | |
| Coffin Brothers, paper boxes | 10.50 | |
| W. H. Collins & Co., record book | 10.00 | |
| J. P. Crayon, books | 4.50 | |
| Arthur Cummings, services | 20.00 | |
| Damrell & Upham, books | 4.05 | |
| Globe-Wernicke Co., furniture and stationery | 91.25 | |
| Hall, Black & Co., books | 5.00 | |
| George F. Lasher, postal guide | 2.50 | |
| Library Bureau, furniture and supplies | 78.09 | |
| Mercury Publishing Co., subscription | 6.00 | |
| New York Tribune, subscriptions | 10.00 | |
| N. Y., N. H. & H. R. R. Co., freight | 5.12 | |
| A. P. Pope, carpentry | 18.60 | |
| Publishers Weekly, subscription | 3.00 | |
| James S. Rogers, book | 5.00 | |
| Stone & Downer Co., import charges | 8.84 | |
| Joseph G. Tirrell, picture mounting | 38.80 | |
| Union Street Railway Co., car tickets | 40.00 | |
| Henry P. Willis, photographs and supplies | 46.80 | $532.70 |
| December 1, 1902. To balance | | 2,162.29 |
| | | $2,694.99 |

Cr.

| | | |
|---|---|---|
| December 2, 1901. By balance | $1,141.04 | |
| Receipts as per Treasurer's reports | 1,553.95 | $2,694.99 |

Cr.

| | |
|---|---|
| December 1, 1902. Balance | $2,162.29 |

## FREE PUBLIC LIBRARY, REPAIRS AND RENOVATION.

### Dr.

| | | |
|---|---|---|
| Briggs & Lawrence, linoleum and labor | $175.10 | |
| William H. Caswell, painting | 279.64 | |
| Francis W. Hammond, stock and labor | 69.48 | |
| N. B. Cycle & Electric Co., electric wiring | 2,474.20 | |
| William E. Newman, mason work | 243.37 | |
| E. F. Penney, plumbing | 83.02 | |
| Charles E. Peirce, stock and labor | 201.81 | |
| F. H. Sargent, work on gas fixtures | 44.28 | |
| Charles F. Wing, window shades | 43.45 | |
| Wood, Brightman & Co., steam fitting | 8.34 | $3,622.69 |

### Cr.

| | |
|---|---|
| By special appropriation | $3,622.69 |

## FREE PUBLIC LIBRARY TRUSTEES, JAMES B. CONGDON FUND.

### Cr.

| | | |
|---|---|---|
| December 2, 1901. By balance | $127.66 | |
| Receipts as per Treasurer's reports | 30.00 | $157.66 |

### Cr.

| | |
|---|---|
| December 1, 1902. Balance | $157.66 |

# FREE PUBLIC LIBRARY TRUSTEES, GEORGE O. CROCKER FUND.

## Dr.

| | |
|---|---|
| American Architect & Building News Co | $31.50 |
| Art Library Publishing Co. | 42.00 |
| Frederick W. Bailey | 4.00 |
| Balch Brothers Co. | 24.00 |
| C. B. Beach & Co. | 9.75 |
| T. H. Castor & Co. | 6.50 |
| Arthur H. Clark & Co. | 3.19 |
| Cupples & Schoenhof | 9.05 |
| Dedham Historical Register | 1.00 |
| Desmond Publishing Co. | 115.50 |
| Oliver Ditson Co. | 25.26 |
| William M. Emery | 8.00 |
| Egypt Exploration Fund | 15.00 |
| George A. Gardner | 23.61 |
| Goodspeed's Book Shop | 12.50 |
| E. B. Hall & Co. | 31.35 |
| F. S. Hammond | 5.00 |
| Hardy, Pratt & Co. | 59 85 |
| W. F. Harris, treasurer | 5.00 |
| Houghton, Mifflin & Co. | 37.00 |
| H. S. Hutchinson & Co. | 9.00 |
| Theodore Lazell | 3.00 |
| C. F. Libbie & Co. | 30.50 |
| George E. Littlefield | 80.95 |
| M. O. Merrill | 5.00 |
| J. B. Millette Co. | 50.00 |
| John D. Morris & Co. | 30.00 |
| George A. Morrison, Jr. | 10.00 |
| Joel Munsells' Sons | 5.40 |
| Elizabeth T. Nash | 5.00 |
| New York Genealogical and Biographical Society | 35.00 |
| Thomas P. Nichols | 4.00 |
| C. B. Perry | 3.30 |
| George H. Polly & Co. | 18.00 |
| James Rogers | 5.00 |
| Robert W. Taber | 58.50 |

| | | |
|---|---|---|
| A. Walsh | 2.06 | |
| John Wanamaker | 29.00 | |
| Myra L. White | 10.00 | $862.77 |
| December 1, 1902. To balance | | 74.49 |
| | | $937.26 |

Cr.

| | | |
|---|---|---|
| December 2, 1901. By balance | $517.26 | |
| Receipts as per Treasurer's reports | 420.00 | $937.26 |

Cr.

| | |
|---|---|
| December 1, 1902. Balance | $74.49 |

## FREE PUBLIC LIBRARY TRUSTEES, OLIVER CROCKER FUND.

Cr.

| | | |
|---|---|---|
| December 2, 1901. By balance | $159.06 | |
| Receipts as per Treasurer's report | 60.00 | $219.06 |

Cr.

| | |
|---|---|
| December 1, 1902. Balance | $219.06 |

## FREE PUBLIC LIBRARY TRUSTEES, GEORGE HOWLAND, JR., FUND.

Dr.

| | |
|---|---|
| N. J. Bartlett & Co. | $34.50 |
| Boston Museum of Fine Arts | 20.00 |
| John W. Cadby | 35.50 |
| John Cornell | 4.00 |

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|---|---|---|
| The Dante Society | 5.00 | |
| W. A. De Pew | 14.00 | |
| Dodd, Mead & Co. | 13.50 | |
| L. R. Hammersley Co. | 5.00 | |
| H. S. Hutchinson & Co. | 35.25 | |
| George E. Littlefeld | 4.50 | |
| Preston & Rounds Co. | 20.00 | |
| George D. Smith | 9.00 | |
| Southern History Association | 7.00 | $207.25 |
| December 1, 1902. To balance | | 222.43 |
| | | $429.68 |

Cr.

| | | |
|---|---|---|
| December 2, 1901. By balance | $333.68 | |
| Receipts as per Treasurer's reports | 96.00 | $429.68 |

Cr.

| | |
|---|---|
| December 1, 1902. Balance | $222.43 |

## FREE PUBLIC LIBRARY TRUSTEES, SYLVIA ANN HOWLAND FUND.

Dr.

| | |
|---|---|
| Academy of Sciences of Philadelphia | $5.00 |
| J. Q. Adams & Co. | 15.00 |
| American Bible Society | 14.82 |
| Americus Law Book Co. | 4.55 |
| Antiquarian Book Store | 2.25 |
| Theodore Audell & Co. | .80 |
| N. W. Ayer & Co. | 5.00 |
| Frederick W. Bailey | 1.50 |
| H. C. Baird & Co. | 2.00 |
| Bancroft-Whitney Co. | 24.00 |
| Bangs & Co. | 75.82 |
| W. B. Barr | 2.00 |
| N. J. Bartlett & Co. | 80.90 |

| | |
|---|---|
| Bates, Guild & Co. | 1.00 |
| J. H. Blanchard Co. | 5.00 |
| Richard Boardman | 1.00 |
| Book Lovers Library | 62.50 |
| Boston Normal School of Gymnastics | 1.10 |
| Boston Society of Natural History | 5.00 |
| Milton Bradley Co. | 1.25 |
| Alfred Brandt | 1.25 |
| Burnhams' Antique Book Store | 2.50 |
| Burrows Brothers Co. | 58.90 |
| John W. Cadby | 3.10 |
| N. J. Campbell & Co. | 1.25 |
| T. H. Castor & Co. | 17.34 |
| Congdon & Britnell | 6.75 |
| M. M. Cronholm | 5.00 |
| Cumulative Index Co. | 4.00 |
| Cupples & Schoenhof | 114.31 |
| Damrell & Upham | 66.50 |
| Dartmouth College | 1.50 |
| De Wolfe, Fiske & Co. | 21.27 |
| Directors of Old South Work | 1.25 |
| Dodd, Mead & Co. | 27.20 |
| Alice H. F. Dow | 1.00 |
| Myron S. Dudley | .50 |
| Francis Edwards | 3.64 |
| Egypt Exploration Fund | 17.50 |
| Essex Publishing Co. | 12.00 |
| Ferns & Leach | 1.25 |
| George H. Freeman | 1.00 |
| Gammel Book Co. | 1.25 |
| Gas Engine Publishing Co. | 2.13 |
| Ginn & Co. | 5.59 |
| Goodspeed's Book Shop | 4.85 |
| W. A. Greenough & Co. | 16.00 |
| J. L. Hammett Co. | 1.46 |
| Harper & Brothers | 34.85 |
| Francis P. Harper | 5.85 |
| Otis Hayford | 2.50 |
| D. C. Heath & Co. | 3.14 |
| Hebrew Publishing Co. | 9.05 |
| Bruno Hessling | 1.90 |
| Honeyman & Co. | 1.16 |
| John Hopkins Press | 1.39 |

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|---|---|
| Houghton, Mifflin & Co. | .50 |
| George W. Humphrey | 5.00 |
| Lydia C. Hussey | .50 |
| H. S. Hutchinson & Co. | 1,002.92 |
| Index Publishing Co. | 1.50 |
| Frank Ingraham | 2.00 |
| International Committee of the National Y. M. C. A. | 1.75 |
| Jewish Publication Society of America | 1.00 |
| E. W. Johnson | 2.70 |
| Kimball Brothers | 11.60 |
| Kingsley-Barnes & Neuner Co. | 1.50 |
| C. A. Koehler & Co. | 24.27 |
| Charles E. Lauriat Co. | 246.07 |
| C. F. Libbie & Co. | 24.90 |
| Library Bureau | 1.00 |
| Little, Brown & Co. | 17.54 |
| George E. Littlefield | 17.55 |
| A. C. McClurg & Co. | 8.28 |
| Joseph McDonough | 16.00 |
| S. F. McLean & Co. | 22.51 |
| The McMillan Co. | 5.00 |
| Marine News Publishing Co. | 5.00 |
| Massachusetts Historical Society | 6.00 |
| Ernest C. Meyer | 1.35 |
| Samuel E. Miller | 5.00 |
| Moore & Co. | 212.81 |
| W. L. Montague & Co. | 3.00 |
| George N. Morang & Co. | 3.00 |
| W. Y. Morgan | 2.50 |
| Frederick W. Morris | 4.50 |
| Thomas B. Mosher | 2.00 |
| Joel Munsells' Sons | 4.50 |
| Richard Nagle | 2.25 |
| National Educational Association | 14.00 |
| National Temperance Society | 1.00 |
| New England Water Works Association | 6.00 |
| O. H. Oldroyd | 1.00 |
| Oxford University Press | .90 |
| Stephen D. Peet | 7.00 |
| Perkins Book Co. | 1.47 |
| W. E. Potter | 3.00 |
| Practical Text Book Co. | 2.07 |

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|---|---|---|
| Preston & Rounds Co. | 3.00 | |
| Publishers' Weekly | 17.25 | |
| George P. Putnam's Sons | 13.05 | |
| W. C. Rivers | 2.50 | |
| A. M. Robertson | 1.35 | |
| Sampson, Murdock & Co. | 6.00 | |
| Charles Scribner's Sons | 33.14 | |
| Sibley & Ducker | 15.00 | |
| John Skinner | 7.50 | |
| Emily B. Smith | .40 | |
| Joseph J. Smith | 7.50 | |
| Society of Arts and Crafts | .75 | |
| Soule Art Co. | 5.00 | |
| Spon & Chamberlain | 1.58 | |
| G. E. Stechert | 43.56 | |
| Robert W. Taber | 712.10 | |
| Thomas J. Taylor | 9.75 | |
| Tennant & Ward | .75 | |
| Trow Directory & Book Binding Co. | 7.50 | |
| Henry C. Tully & Co. | 3.50 | |
| University of Chicago | 1.45 | |
| F. B. Vandergift | 2.64 | |
| D. Van Nostrand Co. | 14.59 | |
| Edgar Weiner | 5.25 | |
| James T. White & Co. | 7.00 | |
| John Wiley & Sons | 6.35 | |
| H. W. Wilson | 6.00 | |
| W. H. Wilzius | 1.75 | |
| Henry S. Wyer | 2.23 | $3,411.50 |
| December 1, 1902. To balance | | 776.10 |
| | | $4,187.60 |

Cr.

| | | |
|---|---|---|
| December 2, 1901. By balance | $1,186.15 | |
| Receipts as per Treasurer's reports | 3,001.45 | $4,187.60 |

Cr.

| | |
|---|---|
| December 1, 1902. Balance | $776.10 |

## FREE PUBLIC LIBRARY TRUSTEES, CHARLES W. MORGAN, FUND.

Cr.

| | | |
|---|---|---|
| December 2, 1901. By balance | $166.24 | |
| Receipts as per Treasurer's reports | 60.00 | $226.24 |

Cr.

| | |
|---|---|
| December 1, 1902. Balance | $226.24 |

## FREE PUBLIC LIBRARY TRUSTEES, CHARLES L. WOOD FUND.

Cr.

| | | |
|---|---|---|
| December 2, 1901. By balance | $208.18 | |
| Receipts as per Treasurer's reports | 80.00 | $288.18 |

Cr.

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|---|---|
| December 1, 1902. Balance | $288.18 |

## FREE PUBLIC LIBRARY TRUSTEES, READING ROOMS FUND.

Dr.

| | | |
|---|---|---|
| E. Anthony & Sons, subscriptions | $12.00 | |
| Mrs. W. Brown, cleaning | 5.00 | |
| Mercury Publishing Co., subscriptions | 12.00 | |
| N. B. Gas & Edison Light Co., lighting | 184.28 | |
| Charles F. Wing, furniture | 16.75 | $230.03 |
| December 1, 1902. To balance | | 140.66 |
| | | $370.69 |

CR.

| | | |
|---|---|---|
| December 2, 1901. | By balance | $370.69 |

CR.

| | | |
|---|---|---|
| December 1, 1902. | Balance | $140.66 |

## HIGHWAYS AND STREETS.

DR.

| | | |
|---|---|---|
| Pay rolls | | $128,747.13 |
| Crusher stone: | | |
| John E. Akin | $144.64 | |
| Alexander Albro | 7.75 | |
| Henry C. Allen | 84.48 | |
| C. M. Andrews | 11.72 | |
| D. A. Anthony | 25.31 | |
| Henry T. Ashley | 69.92 | |
| John Ashton | 37.84 | |
| Edward Auger | 3.59 | |
| Henry Auger | 27.18 | |
| J. V. Bancroft | 17.61 | |
| Henry Bartlett | 27.39 | |
| C. Beaulieu | 5.96 | |
| Frank C. Bennett | 65.15 | |
| J. W. Bishop & Co. | 10.99 | |
| Thomas Blecha | 252.00 | |
| F. A. Bonneau | 5.46 | |
| George B. Borden | 169.21 | |
| Gilbert Bouchard | 227.03 | |
| George F. Brightman | 112.35 | |
| William H. Brightman | 118.77 | |
| Brosseau Brothers | 73.48 | |
| C. F. Brownell | 7.99 | |
| Henry T. Bulman | 24.95 | |
| William Burbo | 202.80 | |
| James W. Burt | 31.91 | |
| Annie Caille | 2 52 | |
| Cemetery Board | 69.03 | |
| N. P. Chase | 52.95 | |

| | |
|---|---|
| Abraham Chenier | 1.67 |
| George A. Cobb | 59.14 |
| George Coggeshall | 23.45 |
| Joseph Comeau | 20.84 |
| John Connell | 4.15 |
| John Connors | 264.17 |
| Patrick Connors | 168.28 |
| Eugene G. Crapo | 249.25 |
| Benjamin Dawson & Son | 41.59 |
| Dudley Davenport | 25.39 |
| Charles A. Davis | 24.37 |
| John Davignon | 87.82 |
| L. T. Davis | 51.57 |
| William B. Davis | 19.18 |
| George M. Dayton | 43.98 |
| Joseph De Gracia | 141.35 |
| Abraham Delisle | 33.24 |
| P. B. Demers | 26.43 |
| Alfred J. Denault, Jr. | 9.80 |
| Moses Denault | 654.56 |
| S. Desautels | 24.47 |
| Napoleon Dormier | 27.59 |
| James Duddy | 4.12 |
| David Duff & Son | 818.43 |
| Arthur Dumaine | 54.15 |
| William Durfee | 73.44 |
| John E. Dyer | 60.00 |
| Domingo Enos | 37.09 |
| George M. Ennis | .94 |
| M. J. Fagundes | 330.63 |
| Henry Fateux | 281.08 |
| David Ferguson | 9.15 |
| Frank J. Fernandez | 48.70 |
| Manuel Figeret | 7.00 |
| Jack Foster | 191.98 |
| Manuel Frazier | 4.47 |
| H. J. Fredette | 10.02 |
| E. H. Gammons | 166.47 |
| Antoine Gaudreau | 10.85 |
| Charles T. W. Gifford | 39.61 |
| Dolor Goodreau | 59.79 |
| D. Goyer | 260.01 |
| Pierre Gregoire | 29.53 |

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|---|---|
| David Grew | 7.99 |
| David Grew, Jr. | 4.06 |
| George H. Hambly | 62.60 |
| Ella F. Hammond | 15.14 |
| Emery W. Hammond | 41.56 |
| Patrick Harding | 7.57 |
| Andrew E. Hathaway | 300.15 |
| C. E. Hathaway | 18.39 |
| Joseph S. Hathaway | 4.69 |
| John W. Hayes | 47.27 |
| John William Heys | 33.82 |
| John J. Howland | 43.56 |
| Domingo Ignace | 29.21 |
| Joseph Jacintho | 7.08 |
| Henry A. Jackson | 6.16 |
| D. J. Jarry | 7.86 |
| Andrew F. Jenks | 69.66 |
| Jenney & Buffington | 4.43 |
| Edward E. Jones | 12.51 |
| John Joneux | 24.64 |
| Arthur Joubert | .76 |
| Thomas Kenney | 12.23 |
| Charles L. Kenyon | 16.13 |
| Harry A. Kenyon | 4.67 |
| Robert B. King | 16.86 |
| Henry Lagesse | 30.43 |
| D. Laliberte | 53.77 |
| Edward Lemeric | 23.85 |
| Frank Lemos | 38.39 |
| Samuel Lowe | .90 |
| Manuel Luce | 103.92 |
| William H. Lynch | 59.14 |
| Charles A. Macomber | 9.43 |
| Leonard A. Macomber | 100.57 |
| William P. Macomber | 4.30 |
| Isaac H. Manchester | 7.18 |
| John W. Manchester | 105.68 |
| Manuel J. Macy | 228.29 |
| Arthur Martel | 12.39 |
| Alphonse Martin | 44.99 |
| Phillias Masse | 11.79 |
| Antonio Matthews | 11.41 |
| F. F. Matthews | 11.40 |

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|---|---|
| Mortimer McCarty | 67.87 |
| Manuel Mendozo | 32.44 |
| Edward W. Morse | 13.76 |
| Charles H. Morton | 71.43 |
| Walter F. Mosher | 39.53 |
| Antonio D. Mota | 25.93 |
| Benjamin Negus | 33.17 |
| Charles H. Negus | 47.14 |
| Lazare Noel | 235.44 |
| Joseph Normandin | 7.19 |
| George W. Norton | 92.72 |
| F. William Oesting | 18.66 |
| P. O'Leary | 21.50 |
| J. C. Oliver, Jr. | 20.89 |
| Charles Owen | 127.16 |
| Reuben B. Peckham | 17.97 |
| Annie Perry | 1.32 |
| Frank Perry & Co. | 171.63 |
| H. F. Perry | 59.69 |
| Hannah Perry | 4.44 |
| William E. Pittsley | 3.43 |
| Charles H. Place | 30.05 |
| William H. Poole | 3.84 |
| Joseph P. Ponte | 64.71 |
| Alexis Poijoint | 43.61 |
| Frederick Puckering | 43.16 |
| Charles F. Reed | 53.13 |
| J. C. Reed | 2.09 |
| Edward Reynolds | 26.48 |
| Eugene Riendeau | 29.17 |
| Napoleon Riendeau | 42.53 |
| Oliver Rivet | 1.79 |
| Adolphe Rondeau | 13.49 |
| Prosper Rondeau | 229.97 |
| Louis Roy | 68.29 |
| Sol Roy | 11.17 |
| Jose Roza | 6.05 |
| Philip Sauville | 34.44 |
| Paul Schlais | 22.93 |
| William Shepley | 19.76 |
| H. G. Sherman | 2.11 |
| Domingo Silva | 13.16 |
| William Slight | 14.96 |

| | | |
|---|---|---|
| H. McB. Smith | 3.95 | |
| John A. Smith | 1.16 | |
| Hugh J. Smythe | 2.13 | |
| So. Mass. Telephone Co. | 33.07 | |
| Fred Souza | 176.07 | |
| Manuel Souza | 11.72 | |
| Manuel P. Souza | 122.57 | |
| George Spencer | 17.52 | |
| Daniel A. Spooner | 32.97 | |
| Daniel S. Spooner | 8.11 | |
| E. S. Spooner | 147.20 | |
| James L. Spooner | 25.85 | |
| F. A. Stowell | 3.50 | |
| John B. Sullivan | 122 92 | |
| Patrick Sweeney | 9.88 | |
| Joseph B. Sylvia | 47.85 | |
| Joseph G. Sylvia | 11.87 | |
| Joseph S. Sylvia | 66.73 | |
| Manuel D. Sylvia | 35.52 | |
| Manuel G. Sylvia | 130.80 | |
| Manuel V. Sylvia | 21.73 | |
| Arthur Tetrault | 100.18 | |
| L. F. Thomas | 15.05 | |
| Alexander A. Tripp | 54.72 | |
| Samuel J. Tucker | 37.97 | |
| John H. Upham | 34 22 | |
| William O. T. Upham | 18.21 | |
| Henry Vigeant | 232.75 | |
| David Warren | 73.33 | |
| Benjamin F. Watkins | 205.73 | |
| William Watkins | 1.55 | |
| Stephen V. Weaver | 36.72 | |
| Augustus White | 29.64 | |
| George F. Wilbur | 20.52 | |
| S. A. Wilbur | 14.91 | |
| Joseph Williams | 64.74 | |
| Thomas Winsper | .83 | |
| William Woodhouse | 11.39 | $11,922.34 |
| Curbing and paving : | | |
| Moses Denault | $601.59 | |
| Moses Denault, Jr. | 585.26 | |
| Denault Brothers | 85.85 | |

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|---|---|---|
| Louis Monjeau | 23.19 | |
| S. S. Paine & Brother | 2,485.66 | |
| John A. Russell | 9.02 | |
| John B. Sullivan & Son | 6,078.11 | $9,868.68 |

Hardware and tools :

| | | |
|---|---|---|
| Ames Plow Co. | $7.35 | |
| Atlas Tack Co. | .60 | |
| Babbitt, Wood & Co. | 17.01 | |
| Bliss & Nye | 2.82 | |
| Blossom Brothers | 4.75 | |
| Harold L. Bond & Co. | 13.36 | |
| Boston Bolt Co. | 71.03 | |
| Boston & Lockport Block Co. | 6.78 | |
| Boston Woven Hose & Rubber Co. | 23.85 | |
| J. B. Charbonneau, Jr. | 1.00 | |
| De Wolf & Vincent | 198.68 | |
| Henry Disston & Sons | 2.88 | |
| Driscol, Church & Hall | 7.25 | |
| Fairhaven Iron Foundry Co. | 20.49 | |
| Farrel Foundry & Machine Co. | 11.20 | |
| Jonathan Handy Co. | 419.73 | |
| Harrisburg Foundry & Machine Co. | 16.00 | |
| T. M. Hart & Co. | 5.80 | |
| H. H. Harvey | 229.30 | |
| George E. Hatch | 5.96 | |
| N. P. Hayes | 165.91 | |
| Heywood Brothers & Wakefield Co. | 44.50 | |
| Hillman, Washburn & Co. | 40.54 | |
| Ingersoll, Serjeant Drill Co. | 140.00 | |
| Perry P. Jenney & Son | 209.97 | |
| Kane & Rotch | 448.15 | |
| O. S. Kelley Co. | 589.40 | |
| Keuffel & Esser Co. | 11.76 | |
| D. Lovejoy & Son | 3.12 | |
| S. C. Lowe | 327.92 | |
| S. C. Lowe Supply Co. | 51.00 | |
| Menzies Street Cleaner Co. | 90.00 | |
| C. W. H. Moulton Co. | 54.00 | |
| N. B. Boiler & Machine Co. | 10.86 | |
| N. B. Cordage Co. | 102.14 | |
| E. F. Penney | 2.25 | |
| Perrin, Seamans & Co. | 3.60 | |

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|---|---|---|
| Pickering Governor Co. | 1.05 | |
| E. F. Reece Co. | 2.55 | |
| Julian Scholl & Co. | 5.40 | |
| C. R. Sherman & Son | 1.10 | |
| Julius C. Sylvia | 1.25 | |
| Taylor Iron & Steel Co. | 245.25 | |
| Turner Specialty Co. | 15.00 | |
| Wilkins Brothers | 55.77 | |
| Charles F. Wing | .75 | |
| A. M. Wood Co. | 166.80 | |
| Wood, Brightman & Co. | 26.15 | |
| A. H. Wordell | 7.22 | $3,889.25 |
| Labor and material: | | |
| Francis T. Akin | $6.59 | |
| Almy & Hitch | .40 | |
| Babbitt, Wood & Co. | 34.94 | |
| William P. Briggs | 16.05 | |
| George A. Cobb | 8.75 | |
| George E. Hatch | 21.62 | |
| M. A. Hickey | 2.80 | |
| Perry P. Jenney & Son | 1.70 | |
| Jenney & Buffington | 3.00 | |
| N. B. Boiler & Machine Co. | 7.30 | |
| N. B. Gas & Edison Light Co. | 3.80 | |
| J. Harrington Sherman | 4.80 | |
| Frank S. Tripp | 101.00 | |
| Wood, Brightman & Co. | 20.42 | $233.17 |
| Supplies: | | |
| Francis T. Akin | $308.50 | |
| Bates, Kirby & Co. | 14.81 | |
| Beach & Treiber Co. | 151.49 | |
| George B. Borden | 53.05 | |
| H. T. Borden | 2.00 | |
| Bowker Insectcide Co. | 150.00 | |
| Nathan C. Bumpus | 53.97 | |
| C. S. & B. Cummings | .58 | |
| Henry W. Cushman | 7.88 | |
| J. C. Delano | 14.88 | |
| Denison Brothers Co. | 200.13 | |
| Driscol, Church & Hall | 16.83 | |
| David Duff & Son | 827.53 | |

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|---|---|---|
| Fairhaven Iron Foundry Co. | 32.38 | |
| Frank E. Fitts Mfg. & Supply Co. | 18.23 | |
| William M. Higham | 7.50 | |
| W. S. Hill Electric Co. | .60 | |
| Albert W. Holmes | 299.55 | |
| Kimball, Harrington & Osborne | 327.53 | |
| George Kirby, Jr., & Co. | 48.45 | |
| National Coal Tar Co. | 1,369.00 | |
| N. B. Boiler & Machine Co. | .15 | |
| N. B. Cordage Co. | 1.50 | |
| N. B. Gas & Edison Light Co. | 45.00 | |
| N. B. Ice Co. | 26.06 | |
| William F. Nye | 12.00 | |
| S. S. Paine & Brother | 642.36 | |
| A. W. Perkins & Co. | 25.54 | |
| William A. Reed | 60.00 | |
| Schuler Brothers | 1.00 | |
| Slocum & Kilburn | 34.36 | |
| Solshine Mfg. Co. | 3.00 | |
| Standard Oil Co. | 360.80 | |
| Arthur H. Swift | 15.50 | |
| Thompson & Sweeney | .96 | |
| Warren Brothers Co. | 2,099.17 | |
| William R. West | 165.37 | $7,397.66 |
| Teaming: | | |
| Seth Alden | $51.90 | |
| H. P. Babson | 8.00 | |
| William Baylies | 1,912.25 | |
| M. F. Bissonette | 1.25 | |
| F. A. Bonneau | 1.92 | |
| J. B. Charbonneau, Jr. | 21.92 | |
| Church & Hammond | 30.25 | |
| Pardon Cornell | 1,682 95 | |
| William Cronin & Co. | 275.75 | |
| J. G. Davoll | 667.47 | |
| Denison, Plummer Co. | 660.72 | |
| Henry H. Dews | 104.00 | |
| Fichtemayer & Flynn | 80.95 | |
| N. T. Fuller | 7.05 | |
| J. N. Gage | 105.15 | |
| H. B. Hamilton | 15.50 | |
| T. M. Hart & Co. | 4.01 | |

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|---|---|---|
| A. E. Hathaway | 433.05 | |
| L. J. Hathaway | 9.65 | |
| William E. Hathaway | 1,209.29 | |
| George G. Huddy | 159.81 | |
| Perry P. Jenney & Son | 97.51 | |
| W. A. Jenney | 125.10 | |
| Charles S. Kelley | 152.95 | |
| J. Frank Kirk | 1,220.19 | |
| Mortimer McCarty | 45.00 | |
| A. W. Perkins & Co. | 4.37 | |
| John S. Perry | 445.39 | |
| A. K. P. Sawin | 9.00 | |
| Schuler Brothers | 1.90 | |
| J. H. Shea, Jr. | 80.00 | |
| Smith & Goold | 6.00 | |
| Stanley Brothers | 850.00 | |
| Frank E. Stevens | 350.00 | |
| Julius C. Sylvia | .76 | |
| A. H. Wordell | 67.25 | $10,898.26 |

Miscellaneous :

| | | |
|---|---|---|
| A. W. Allen's estate, rolls | $2.52 | |
| Allen's Express, charges | 6.25 | |
| E. Anthony & Sons, advertising | 15.36 | |
| E. Anthony & Sons, subscription | 6.00 | |
| C. S. Ashley, chairman, expenses | 15.00 | |
| Isaac L. Ashley, carriage hire | 15 00 | |
| Automatic Telephone Co., service | 12.00 | |
| George Barnes, M. D., services | 85.00 | |
| Blossom Brothers, lumber | 111.50 | |
| George B. Borden, posts | 8.10 | |
| H. T. Borden, plank | 12.00 | |
| F. S. Brightman Co., chair and desk | 33.00 | |
| F. S. Brightman Co., record book and stationery | 26.05 | |
| T. S. Buck Co., rubber stamp | .79 | |
| Lorenzo Burge, Hayes & Co., boiler insurance | 100.00 | |
| J. M. Burgess, land rent | 24.00 | |
| A. E. Coffin Press, printing | 73.45 | |
| W. H. Collins & Co., labor | .25 | |
| William S. Cook, convention expenses | 346.11 | |
| William S Cook, cash for stamps | 60.00 | |

| | |
|---|---|
| Charles R. Cornell, hacking | 1.75 |
| O. E. Covell, manager, carriage hire | 40.00 |
| Thomas W. Croacher, lumber | 48.67 |
| Department of Wharves, wharf charges | 500.00 |
| Louis F. De Moranville, freight and carting | .40 |
| W. F. Desmond, lumber | 8.38 |
| John Duff, P. M., stamped paper | 21.20 |
| The Fairbanks Co., weigh books | 2.00 |
| Henry Fateux, dirt | 233.20 |
| Harriet H. Gilman, rent and lighting | 930 82 |
| Globe-Wernicke Co., case and cards | 83.79 |
| Greene & Wood, lumber | 96.32 |
| W. A. Greenough & Co., directories | 8.00 |
| James B. Hamlin, plank | 144.06 |
| T. M. Hart & Co., duck and twine | 31.11 |
| T. M. Hart & Co., flag | 8.25 |
| John Hastings, damages | 3 69 |
| Hastings Pavement Co., expert services | 131.72 |
| Hatch & Co., express charges | 11.92 |
| W. E. Hathaway, bagging | .60 |
| E. Howard Clock Co., record dials | 6 00 |
| H. S. Hutchinson & Co., book and stationery | 16.50 |
| J. S. Kelley & Son, clocks | 8.00 |
| Keuffel & Esser Co., shield | 28.00 |
| Kirby & Hicks, carriage hire | 217.56 |
| C. F. Lawton, superintendent, expenses | 101.40 |
| Lorraine's Tea Store, bagging | 1.83 |
| Mercury Publishing Co., advertising | 12.55 |
| Mercury Publishing Co., printing | 7.00 |
| Municipal Journal & Engineer, subscriptions | 6.00 |
| N. B. Co-operative Express, charges | 1.10 |
| N. B. Gas & Edison Light Co., lighting | 182.36 |
| N. B. Steam Carpet Beating Establishment, cleaning | 4.50 |
| N. E. Cotton Yarn Co., rent | 100.00 |
| N. Y., N. H. & H. R. R. Co., freight | 162.60 |
| N. Y., N. H. & H. R. R. Co., mileage | 20.00 |
| L. Z. Normandin & Co., pens | 1.50 |
| Willard Nye, stone | 1.40 |
| John N. O'Brien, sealing | 1.83 |
| A. M. Pierce, M. D., services | 42.00 |
| A. D. Piper, washing towels | 6.40 |
| C. B. Piper, cleaning | 6.40 |

| | | |
|---|---|---|
| P. S. Poole, gravel and labor | 123.96 | |
| Charles A. Pratt, M. D., services | 8.00 | |
| Providence Ideal Ventilator Co., ventilators | 14.17 | |
| Joseph G. Rainville, gravel | 5.52 | |
| C. G. &. G. A. Randall, lumber | 107.89 | |
| Ruggles & Ellison, towels | 3.00 | |
| Sanders & Barrows Clothing Co., uniforms | 14.75 | |
| Schuler Brothers, rubber boots | 9.00 | |
| Mortimer Searles, rubber stamp | .15 | |
| James L. Sherman, lumber | 1.96 | |
| Sherman & Perry, carriage hire | 7.50 | |
| F. R. Slocum Co., chair | 15.00 | |
| A. P. Smith, land rent | 100.00 | |
| George Snow, storage | 5.00 | |
| So. Mass. Telephone Co., service and tolls | 21.20 | |
| John B. Sullivan & Son, rebate on stone | 657.06 | |
| Sullivan & Markey, binding and ruling | 6 50 | |
| Robert W. Taber, books and stationery | 118.40 | |
| Samuel Ward Co., copy bath | 4.50 | |
| David Warren, carriage hire | 2.00 | |
| Warren Brothers Co., granolithic walks | 5,446.32 | |
| Anne Weeks, damages | 50.00 | |
| Clarence E. Westgate, labor | 1.20 | |
| W. U. Telegraph Co., service | .25 | |
| Charles F. Wing, window shades | 11.35 | |
| Wood, Brightman & Co., mantles and chimney | .60 | |
| Wyckoff, Seamans & Benedict, copy books | 24.00 | |
| Wyckoff, Seamans & Benedict, typewriters | 189.00 | $11,113.75 |
| | | $184,070.24 |
| To transfer to balance | | 9,760.16 |
| | | $193,830.40 |

Cr.

| | | |
|---|---|---|
| By appropriation | $67,500.00 | |
| By special appropriations | 87,500.00 | |
| Receipts as per Treasurer's reports | 38,830.40 | $193,830.40 |

## INCIDENTALS.

### Dr.

| | | |
|---|---|---|
| Advertising: | | |
| E. Anthony & Sons | $383.47 | |
| Catholic Union Publishing Co. | 264.90 | |
| Daily L'Independant | 28.30 | |
| L'Independant Publishing Co. | 92.45 | |
| Mercury Publishing Co. | 342.82 | |
| Times Publishing Co. | 261.12 | $1,373.06 |
| Birth and death returns: | | |
| Isabella Arnold | .75 | |
| D. S. Belanger | 7.25 | |
| Joseph A. Bernier | 2.25 | |
| Charles A. Bonney, Jr. | 5.00 | |
| Bertha F. Carl | 3.50 | |
| L. A. Chubbuck | 1.50 | |
| Charles F. Connor | 3.50 | |
| Mary Cooper | 2.75 | |
| Edward W. Dehn | 2.00 | |
| Mary Delfina | 13.00 | |
| A. Desautels | 17.50 | |
| Sylvester E. Donovan | 25.75 | |
| Sarah Edelstein | 3.00 | |
| Mary Flitcroft | 2.75 | |
| Catherine Foley | .25 | |
| J. E. Fortin | 2.50 | |
| E. E. Foster | .25 | |
| Philomena Francis | .75 | |
| Mary Frates | 3.75 | |
| Vital Girard | 38.25 | |
| Lena Golstein | 3.00 | |
| Sarah Hope | 1.25 | |
| Barker C. Howland | 1.25 | |
| Charles R. Hunt | 4.75 | |
| Jane A. Kidd | 1.00 | |
| A. P. Lagasse | 21.50 | |
| D. B. Leonard, canvass | 425.00 | |
| M. H. Leonard | 37.50 | |
| Margaret Mann | 1.50 | |
| John E. Moriarty | 10.25 | |

| | | |
|---|---|---|
| T. J. Murphy | 9.75 | |
| W. J. Nickerson | 1.00 | |
| Alphonse Normandin | 23.50 | |
| Louis Z. Normandin | 72.00 | |
| Ubalde Paquin | .50 | |
| A. Martin Peirce | 3.00 | |
| Joao C. da S. Pitta | 6.25 | |
| J. C. Pothier | 9.25 | |
| William G. Potter | 2.00 | |
| Charles A. Pratt | 6.50 | |
| F. H. Robinson | 1.00 | |
| John Rogers | 32.50 | |
| W. P. Safford | .75 | |
| J. C. Shaw | 3.25 | |
| Sarah Simiansky | 2.25 | |
| Simon Simiansky, 2nd | 1.25 | |
| Ada I. Spade | .50 | |
| J. D. Sullivan | 14.00 | |
| William N. Swift | 2.00 | |
| John V. Thuot | 37.50 | |
| Irving N. Tilden | 1.50 | |
| Weston C. Vaughan, Jr. | 39.50 | |
| Amos P. Webber | 8.00 | |
| Helen W. Webster | 15.75 | |
| J. Frank Weeks | 3.00 | |
| Joseph S. Williams | 49.50 | $989.25 |
| Carriage hire : | | |
| Isaac L. Ashley | $42.50 | |
| S. Desautels | 4.00 | |
| Kirby & Hicks | 180.50 | |
| S. F. Perry & Son | 4.00 | |
| Sherman & Perry | 70.50 | |
| David Warren | 40.00 | |
| Wamsutta Stables | 381.00 | $722.50 |
| Clerical services : | | |
| William J. Abrams | $107.50 | |
| Emma M. Almy | 5.00 | |
| Susan E. R. Butts | 50.00 | |
| George H. Freeman | 219.00 | |
| John H. Finnell | 107.50 | |
| William J. Glasgow | 50.00 | |

| | | |
|---|---|---|
| Elizabeth B. Hathaway | 532 00 | |
| Henry T. Healy | 45.00 | |
| William T. Loughlin | 45.00 | |
| Roland A. Leonard | 165.00 | |
| Walter P. Morton | 256.50 | |
| Florence A. Murphy | 780.00 | |
| Walter R. Myrick | 25.00 | |
| John A. O'Keefe | 30.00 | |
| George W. Parker | 945.00 | |
| Joseph J. Pfaffenzeller | 47.50 | |
| Edmund A. Reed | 915.00 | |
| Ada C. Sherman | 147.50 | |
| Patience J. Sherman | 253.57 | |
| Ruth S. Sherman | 1,036.00 | |
| Arthur C. Spooner | 936.00 | |
| Edwin L. Tillinghast | 1,026.00 | |
| William B. Topham | 502.50 | |
| George R. Young | 2.00 | $8,228.57 |
| Damages and legal expenses: | | |
| Benjamin B. Barney | $329.59 | |
| Ada C. Campbell | 133.00 | |
| Walter Clifford | 100.00 | |
| Thomas F. Desmond | 11,587.50 | |
| Joseph Duprey | 250.00 | |
| Lemuel LeB. Holmes | 425.00 | |
| George W. Horton | 5.60 | |
| John B. Oliver | 100.00 | |
| George B. Richmond | 9.90 | $12,940 59 |
| Delivery of tax bills and summons: | | |
| William J. Abrams | $17.50 | |
| William S. Cushing | 12.50 | |
| George R. Deane | 13.75 | |
| George England | 12 50 | |
| Edward Finkelstein | 20.00 | |
| John H. Finnell | 60.00 | |
| Edward B. Gray | 17.50 | |
| Henry T. Healy | 15.00 | |
| Roland A. Leonard | 17.50 | |
| Walter R. Myrick | 15.00 | |
| Joseph J. Pfaffenzeller | 17.50 | |
| Joseph A. Place | 15.00 | |

| | | |
|---|---|---|
| Henry C. Russell | 20.00 | |
| Manuel J. Senna | 25.00 | |
| Daniel S. Sullivan | 12.50 | |
| Stanley W. Wood | 17.50 | $308.75 |
| Fuel: | | |
| Merton B. Ashley | $18.00 | |
| City Coal Co. | 400.25 | |
| Denison Brothers Co. | 200.00 | $618.25 |
| Janitors and watchmen: | | |
| Wilfred Dupuis | $46.00 | |
| Alexander Felton | 3.34 | |
| Clarence G. Lamb | 28.00 | |
| William G. Lamb | 780.00 | |
| Joseph Mather | 728.00 | |
| Cornelius B. Piper | 207.00 | |
| David M. Piper | 710 40 | |
| Walter Pell | 28.00 | $2,530.74 |
| Janitor supplies: | | |
| William H. Brown | $3.25 | |
| Chadwick & Co. | 2.40 | |
| Church & Hammond | 5.65 | |
| C. S. & B. Cummings | .50 | |
| Frank M. Douglass | 1.00 | |
| Thomas Hersom & Co. | .21 | |
| N. B. Ice Co. | 106.05 | |
| George D. Richards | 61.25 | $180.31 |
| Newspapers and periodicals: | | |
| E. Anthony & Sons | $42.00 | |
| Boston Daily Advertiser | 6.00 | |
| George L. Briggs | 17.34 | |
| J. S. Daggett | 1.00 | |
| Mercury Publishing Co. | 36.00 | |
| Municipal Journal and Engineer | 6.00 | $108.34 |
| Personal and special services: | | |
| Board of Assessors | $75.00 | |
| John F. Borden | 3.50 | |
| Philip H. King | 103.50 | |
| Charles F. Lawton | 100.00 | |

| | | |
|---|---|---|
| Daniel B. Leonard | 4.00 | |
| Arthur T. Lovell | 5.00 | |
| Henry T. Phillips | 15.00 | |
| A. D. Piper | 5.00 | |
| David M. Piper | 31.25 | |
| Frank Smith | 66.00 | |
| William B. Topham | 45.00 | |
| Henry F. West | 26.00 | $479.25 |
| Rents: | | |
| Bates & Kirby | $180.00 | |
| Harriet H. Gilman | 541.25 | |
| Merchants National Bank | 310.04 | |
| N. Y., N. H. & H. R. R. Co. | 200.00 | |
| North Congregational Church | 60.00 | |
| Wilcox & Richmond Wharf Co. | 100.00 | $1,391.29 |
| Stock and labor: | | |
| George J. Allen | $46.44 | |
| Almy & Hitch | 5.25 | |
| William P. Briggs | 10.20 | |
| A. P. Pope & Co. | 93.28 | |
| F. H. Sargent | 2 00 | $157.17 |
| Miscellaneous: | | |
| J. Q. Adams & Co., dictionary | $16.00 | |
| Edwin Allen, express | 2.45 | |
| James T. Almy, badges | 100.00 | |
| C. S. Ashley, mayor, committee and travelling expenses | 420.00 | |
| D. C. Ashley, inspector, allowance | 300.00 | |
| D. C. Ashley, fitting office | 23.10 | |
| Automatic Telephone Co., rentals | 66.00 | |
| William A. Baker, committing truants | 19.73 | |
| J. V. Bancroft, sprinkling | 414.00 | |
| Clifford Baylies, machine repairs | 2.00 | |
| Bliss & Nye, sundries | 7.08 | |
| Bliss & Nye, fire set | 8.65 | |
| John F. Borden, moving safe, etc. | 14.13 | |
| E. J. Brandt-Dent Co., automatic cashier | 60.00 | |
| George L. Briggs, valve | .25 | |
| Briggs & Lawrence, furniture and repairs | 12.40 | |
| Charles O. Brightman, case for maps | 55.00 | |

| | |
|---|---|
| F. S. Brightman Co., typewriter | 110.50 |
| Bristol County, board of truants | 514.60 |
| Bristol County House of Correction, board | 5.46 |
| Albion T. Brownell, entertainment | 52.05 |
| T. S. Buck & Co., rubber stamps | 9.42 |
| Thomas J. Cashman, gas lighter | 2.00 |
| Chace & Hirst, tin boxes | 11.25 |
| City Clerk, office expenses | 277.65 |
| City Treasurer, office expenses | 30.61 |
| Charles H. Cragen, use of boat | 52.00 |
| De Wolf & Vincent, steps and shears | 4.40 |
| Andrew P. Doyle, alderman, committee expenses | 49.70 |
| John Duff, P. M., stamped paper | 193.40 |
| C. L. Dunham, tools | 3.35 |
| George Evans, labor | 2.13 |
| Paul Gagne, teaming | 85.50 |
| George G. Hall, entertainment of committees | 27.60 |
| Handy Telephone Index Co., indexes | 4.00 |
| Hatch & Co., express | 5.10 |
| C. R. Hathaway, expenses | 23.60 |
| N. P. Hayes, punch | .50 |
| A. L. Hazzard, repairs | .50 |
| George H. Hedge, alderman, committee expenses | 12.23 |
| Highways and streets, trimming trees | 480.80 |
| Household Furnishing Co , oil cloth | 9.35 |
| Ellis L. Howland, typewriter supplies | .95 |
| James F. Hoye, fidelity bonds | 302.00 |
| Perry P. Jenney & Son, screen door | 4.27 |
| William L. Kelley, clock repairs | 4 00 |
| League of American Municipalities, dues | 40.00 |
| Henry A. Leonard, services | 100.00 |
| Lively & Russell, check safety | 30.00 |
| Thomas H. McCarthy, pens | 5.25 |
| A. D. McMullen, carting | 3.50 |
| Mechanics National Bank, charges | 15.55 |
| Mercury Publishing Co., printing briefs | 125.53 |
| National Shawmut Bank, charges | 15.00 |
| N. B. Co-operative Express, charges | 27.90 |
| N. B. Gas & Edison Light Co , lighting | 3,974.95 |
| N. B. Gas & Edison Light Co., repairs | .95 |
| N. B. Steam Carpet Beating Establishment, cleaning carpets | 6.16 |

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|---|---|---|
| N. Y., N. H. & H. R. R. Co., mileage books | 240.00 | |
| Novelty Drapery Co., window shades | 2.00 | |
| John N. O'Brien, teaming | 273.00 | |
| Packard Hardware Co., shears | 1.00 | |
| Fred W. Palmer, gas burners | 2.00 | |
| D. L. Parker, P. M., stamped paper | 72.60 | |
| William P. Peirce, plant decorations | 25.00 | |
| A. D. Piper, laundry | 52.25 | |
| A. D. Piper, care of mayor's office | 48.00 | |
| D. M. Piper, care of City Hall | 12.50 | |
| Pneumatic Hand Stamp Co., rubber stamps | 13.11 | |
| Postal Telegraph & Cable Co., service | 2.87 | |
| A. H. Saunders, rubber stamps and supplies | 3.50 | |
| Mortimer Searles, rubber stamps and cleaning | .90 | |
| Sewer tax, Merrimac street sewer | 63.07 | |
| Sewer tax, Penniman street sewer | 143.03 | |
| James Slater, flag decorations | 250.00 | |
| F. R. Slocum Co., furniture and repairs | 26.10 | |
| Henry Smith, committing truants | 12.35 | |
| So. Mass. Telephone Co., service and tolls | 730.07 | |
| Carl Strauss, pencil sharpeners | 45.00 | |
| D. J. Sullivan, clock repairs | 1.00 | |
| Manuel Sylvia, carting | 7.25 | |
| Robert W. Taber, stationery | .95 | |
| R. R. Topham, card index | 5.00 | |
| Union Street Railway Co. | 115.00 | |
| Wamsutta Club, entertainment | 22.80 | |
| W. U. Telegraph Co., telegrams | 2.40 | |
| W. U. Telegraph Co., sounder service | 25.00 | |
| Lila M. Wiggins, cleaning | 5.00 | |
| Charles F. Wing, window cord | .16 | |
| Wood, Brightman & Co., mantles and files | 3.00 | |
| Wyckoff, Seamans & Benedict, cabinet | 23.75 | |
| Yale & Towne Mfg. Co., care time lock | 15.00 | $10,389.16 |
| | | $40,417.23 |

CR.

| | | |
|---|---|---|
| By appropriation | $40,000.00 | |
| Receipts as per Treasurer's reports | 20.00 | $40,020.00 |
| By transfer to balance | | 397.23 |
| | | $40,417.23 |

## INCIDENTALS—MEMORIAL DAY.

### Dr.

| | | |
|---|---|---|
| Acushnet Iron Co., stubs | $6.00 | |
| E. Anthony & Sons, advertising | 62.76 | |
| A. R. Caswell, barges | 20.00 | |
| Cumberland Naval Veterans Association | 50.00 | |
| John A. Gomley, barges | 15.00 | |
| John N. Hammond, moss | 9.60 | |
| A. B. Hathaway, filling baskets | 24.00 | |
| High School Cadet Drum Corps, services | 21.00 | |
| Hill's Band, services | 84.00 | |
| Kirby & Hicks, carriage hire | 30.00 | |
| A. D. McMullen, carting and barge | 12.00 | |
| Mercury Publishing Co., advertising and printing | 82.92 | |
| C. H. Murphy, carriage hire | 20.00 | |
| New Bedford Band, services | 110 00 | |
| E. L. Peckham, carting | 10.00 | |
| Alexander O. Peirce, painting | 52.58 | |
| David J. Price, services | 5.00 | |
| Reiter's National Band, services | 110.00 | |
| Sherman & Perry, carriage hire | 7.00 | |
| Robert R. Topham, services | 2.50 | |
| Union Street Railway Co , special cars | 25.00 | |
| Union Veteran Legion, No. 10 | 50.00 | |
| William H. Wilcox, services | 8.55 | |
| Edward E. Wright, flags | 32.00 | $849.91 |
| To transfer to balance | | .09 |
| | | $850.00 |

### Cr.

| | |
|---|---|
| By transfer from unappropriated funds | $850.00 |

## LAND DAMAGES, WIDENING ACUSHNET AVENUE FROM HOWARD AVENUE TO LUND'S CORNER, NO. 4.

DR.

| | | |
|---|---|---|
| Pay rolls | | $788.57 |
| A. W. Allen, lumber and milling | $17.23 | |
| General sewers, stock, labor and teaming | 57.03 | |
| George E. Hatch, old lead | 2.00 | |
| Highways and streets, stock, labor and teaming | 564.20 | |
| D. F. Murphy, blacksmithing | 6.13 | |
| N. B. Boiler & Machine Co., pipe and cutting | .92 | |
| Charles G. Taber, iron work | 1.75 | |
| E. C. Taber, grass seed | 12.40 | |
| Mrs. John G. Whalon, dirt | 11.60 | $673.26 |
| | | $1,461.83 |
| December 1, 1902. To balance | | 1,582.92 |
| | | $3,044.75 |

CR.

| | |
|---|---|
| December 2, 1901,. By balance | $3,044.75 |

CR.

| | |
|---|---|
| December 1, 1902. Balance | $1,582.92 |

## LAND DAMAGES, LAYOUT OF CHANCERY STREET, FROM SYCAMORE STREET TO SMITH STREET.

DR.

| | | |
|---|---|---|
| Sarah C. Johnson | $200 00 | |
| Francis R. Slocum | 798.80 | $998.80 |

CR.

| | |
|---|---|
| By special appropriation | $998.80 |

## LAND DAMAGES, LAYOUT OF LINDEN COURT TO AUSTIN STREET.

DR.

| | |
|---|---|
| Stanislaus Desautels | $1,200.00 |
| December 1, 1902. To balance | 300.00 |
| | $1,500.00 |

CR.

| | |
|---|---|
| By special appropriation | $1,500.00 |

CR.

| | |
|---|---|
| December 1, 1902. By balance | $300.00 |

## LAND DAMAGES, REYNOLDS STREET, FROM PECKHAM STREET TO ADAMS STREET.

CR.

| | |
|---|---|
| By transfer from unappropriated funds | $600.00 |

CR.

| | |
|---|---|
| December 1, 1902. By balance | $600.00 |

## LICENSE COMMISSION.

CR.

| | |
|---|---|
| E. Anthony & Sons, advertising | $74.20 |
| Isaac L. Ashley, carriage hire | 1.50 |
| F. S. Brightman Co., record book | 10.00 |
| A. E. Coffin Press, Printing | 12.00 |
| W. A. Greenough & Co., directory | 4.00 |

| | | |
|---|---|---|
| H. S. Hutchinson & Co., law books | 6.50 | |
| I. B. Maxfield, clerical services | 312.00 | |
| Mercury Publishing Co., advertising | 49.46 | |
| Mercury Publishing Co., printing | 76.85 | |
| Mercury Publishing Co., subscription | 6.00 | |
| C. H. Murphy, carriage hire | 22.00 | |
| Sherman & Perry, carriage hire | 7.50 | |
| F. M. Sparrow, chairman, expenses | 10.40 | |
| Sullivan & Markey, ruling | 1.50 | $593.91 |
| To transfer to balance | | 406.09 |
| | | $1,000.00 |

CR.

| | |
|---|---|
| By appropriation | $1,000.00 |

## LIGHTING THE STREETS.

DR.

| | | |
|---|---|---|
| Acushnet Iron Co., posts | $408.00 | |
| Globe Gas Light Co., naptha lights | 5,616.59 | |
| Highways and streets, labor and teaming | 95.65 | |
| Kirby & Hicks, carriage hire | 2.00 | |
| David Metthe, carriage hire | 29.00 | |
| N. B. Gas & Edison Light Co., electric arc lights | 21,047.27 | |
| N. B. Gas & Edison Light Co., electric incandescent lights | 1,613.23 | |
| N. B. Gas & Edison Light Co., gas lights | 18,574.65 | |
| N. B. Gas & Edison Light Co., naptha lights | 9,324.40 | |
| N. B. Gas & Edison Light Co., labor installing | 196.20 | |
| Sherman & Perry, carriage hire | 3.00 | $56,909.99 |
| To transfer to balance | | 3,226.51 |
| | | $60,136.50 |

CR.

| | | |
|---|---|---|
| By appropriation | $60,000.00 | |
| Receipts as per Treasurer's reports | 136.50 | $60,136.50 |

## NEW BEDFORD SCHOOL COMMITTEE.
## HOWLAND FUND.

DR.

| | |
|---|---|
| Asa L. H. Allen | $8.00 |
| American Book Co. | 293.89 |
| Edward E. Babb & Co. | 53.53 |
| Earle Barnes | 1.50 |
| Boston School Supply Co. | 1.92 |
| P. P. Caproni | 86.37 |
| T. H. Castor & Co. | 8.40 |
| The Century Co. | 20.00 |
| C. E. Cobb & Co. | 17.00 |
| J. B. Colt & Co. | 125.40 |
| William T. Comstock | 3.20 |
| A. B. Crowell | 182.05 |
| Oliver Ditson Co. | .90 |
| M. E. Donovan | 1.50 |
| Educational Publishing Co. | 46.59 |
| The Educational Review | 3.00 |
| Charles P. Emerson | 2.00 |
| Fords, Howard & Hurlbut | 25.00 |
| Foster Brothers | 27.00 |
| Ginn & Co. | 206.06 |
| J. W. Grenniaux | 2.55 |
| J. L. Hammett Co. | 3.60 |
| Haskell & Tripp | 7.59 |
| D. C. Heath & Co. | 78.11 |
| Hillman, Washburn & Co. | 15.62 |
| Holmes Science Publishing Co. | 4.27 |
| Houghton, Mifflin & Co. | 154.27 |
| C. S. Huntley & Co. | 12.50 |
| H. S. Hutchinson & Co. | 24.43 |
| C. F. Johnson | 16.50 |
| Journal of Pedagogy | 1.60 |
| Charles A. Kent | .50 |
| Lee & Shepard | 6.84 |
| Longmans, Green & Co. | 111.31 |
| Perry Mason & Co. | 91.38 |
| Samuel E. Miller | 5.00 |
| The Morse Co. | 23.25 |
| New England Publishing Co. | 2.50 |

| | | |
|---|---|---|
| Philo C. Nye | 3.00 | |
| George Peirce | 116.50 | |
| W. H. Pierce & Co. | 44.00 | |
| Ruggles & Ellison | 23.16 | |
| B. H. Sanborn & Co. | 8.47 | |
| Charles Scribner's Sons | 2.50 | |
| R. A. Sherman & Son | 5.91 | |
| Silver, Burdett & Co. | 96.18 | |
| Willard Small | .95 | |
| Sullivan & Markey | 27.78 | |
| R. W. Taber | 12.10 | |
| Teachers' College Record | 2.80 | |
| Ada W. Tillinghast | 32.50 | |
| William C. Tomlins | 40.00 | |
| Werner School Book Co. | 6.00 | |
| J. Smithson Wright | 2.10 | $2,099.08 |
| December 1, 1902. To balance | | 1,531.68 |
| | | $3,630.76 |

CR.

| | | |
|---|---|---|
| December 2, 1901. By balance | $630.76 | |
| Receipts as per Traasurer's reports | 3,000.00 | $3,630.76 |

CR.

| | |
|---|---|
| December 1, 1902. By balance | $1,531.68 |

## NEW BEDFORD SCHOOL COMMITTEE.
## JONATHAN BOURNE PRIZE FUND.

DR.

| | |
|---|---|
| William E. Hatch Superintendent, cash for prizes | $60.00 |

CR.

| | |
|---|---|
| Receipts as per Treasurer's reports | $60.00 |

## NEW BEDFORD WATER WORKS.

### Dr.

| | | |
|---|---|---|
| To expenditures as certified by the New Bedford Water Board | $134,952.02 | |
| December 1, 1902. To balance | 2,0584.46 | $155,536.48 |

### Cr.

| | | |
|---|---|---|
| December 2, 1901. By balance | $11,368.74 | |
| By appropriation | 12,000.00 | |
| Receipts as per Treasurer's reports | 132,167.74 | $155,536.48 |

### Cr.

| | |
|---|---|
| December 1, 1902. By balance | $20,584.46 |

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## NEW BEDFORD WATER WORKS,—FURTHER WATER SUPPLY.

### Dr.

| | | |
|---|---|---|
| To expenditures as certified by the New Bedford Water Board | $143 74 | |
| December 1, 1902. To balance | 3,178 40 | $3,322.14 |

### Cr.

| | |
|---|---|
| December 2, 1901. By balance | $3,322.14 |

### Cr.

| | |
|---|---|
| December 1, 1902. By balance | $3,178.40 |

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# PARK COMMISSION.

## Dr.

| | | |
|---|---|---|
| Pay rolls | | $22,677.69 |
| Animal supplies : | | |
| Albert C. Braley | $10.05 | |
| Braley & Brownell | 1.75 | |
| J. G. Davoll | 2 52 | |
| H. J. Fredette | 263.98 | |
| Lawrence & Davis | 36.25 | |
| John Notter | 386.17 | |
| I. C. Sherman & Son | 160.54 | |
| E. C. Taber | 388.30 | |
| W. H. Winslow | 36.90 | $1,286.46 |
| Dressing : | | |
| Louis Choquette | $9.00 | |
| Patrick Connors | 44.00 | |
| H. P. Dion | 14.76 | |
| H. J. Fredette | 8.31 | |
| J. C. Haskins | 4.03 | |
| Thomas Hersom & Co. | 67.50 | |
| Highways and streets | 183.50 | |
| William Kenney | 73.00 | $404.10 |
| Hardware and tools : | | |
| George W. Bennett | $15.24 | |
| Bliss & Nye | 24.64 | |
| William P. Butler | 57.42 | |
| De Wolf & Vincent | 250.42 | |
| H. L. Donaghy | 8.80 | |
| Samuel Gratto | 1.25 | |
| N. P. Hayes | 174.26 | |
| Peter Henderson & Co. | 15.00 | |
| Hillman, Washburn & Co. | 105.90 | |
| Perry P. Jenney & Son | 7.80 | |
| N. B. Cordage Co. | 45.44 | |
| Page Woven Wire Fence Co. | 28.05 | |
| Julius C. Sylvia | 3.73 | |
| E. C. Taber | 2.30 | |
| E. C. Ware | 97.79 | $838.04 |

| | | |
|---|---|---|
| Labor and material : | | |
| P. Black | $58.93 | |
| Blossom Brothers | 4.75 | |
| Charles O. Brightman | 286.57 | |
| William H. Caswell | 44.53 | |
| Samuel R. Clark | 106.94 | |
| J. Herbert Davis | 1.20 | |
| William F. Desmond | 2.13 | |
| George E. Hatch | 140.31 | |
| M. A. Hickey | 836.80 | |
| Highways and streets | 6,594.95 | |
| H. S. Hutchinson & Co. | 60.56 | |
| John L. G. Mason | 20.26 | |
| John J. Meaney | 2,549.26 | |
| T. J. Moriarty | 39.10 | |
| Edward Murphy | 592.05 | |
| N. B. Water Works | 508.13 | |
| A. W. Perkins & Co. | 19.00 | |
| H. McB. Smith | 8.26 | |
| B. S. Sturtevant | 742.83 | |
| William F. Sturtevant | 8.30 | |
| Wood, Brightman & Co. | 2.45 | |
| R. H. Woodhouse | 50.00 | $12,677.31 |
| Plants, seeds and shrubs : | | |
| William S. Brown | $257.37 | |
| Dippe Brothers | 18.87 | |
| Edward Gillett | 4.00 | |
| R. & J. Farquhar & Co. | 1.00 | |
| Peter Henduson & Co. | 15.52 | |
| William P. Peirce | 9.00 | |
| Frederick Roemer | 7.96 | |
| E. C. Taber | 4 50 | |
| J. M. Thorburn & Co. | 38.65 | |
| M. H. Walsh | 35.75 | $392.62 |
| Supplies : | | |
| James E. Blake | $4.32 | |
| Albert C. Braley | 5.60 | |
| Braley & Brownell | 30.26 | |
| Bowker Insecicide Co. | 15.00 | |
| William H. Caswell | 11.44 | |
| William H. Chappell estate | 1.30 | |

| | | |
|---|---|---|
| A. E. Coffin Press | 4.85 | |
| C. S. & B. Cummings | 32.50 | |
| William F. Desmond | 57.23 | |
| Frank M. Douglass | 25.00 | |
| David Duff & Son | 100.50 | |
| William M. Higham | 3.40 | |
| H. S. Hutchinson & Co. | 2.30 | |
| India Alkali Works | 6.50 | |
| T. J. Moriarty | 53.19 | |
| S. S. Paine & Brother | 83.36 | |
| Charles S. Paisler | 22.10 | |
| A. W. Perkins & Co. | .75 | |
| C. G. & G. A. Randall | 2.35 | |
| E. C. Taber | 6.86 | |
| Robert W. Taber | 4.95 | |
| Wood, Brightman & Co. | 2.52 | 476.28 |

Miscellaneous:

| | | |
|---|---|---|
| E. Anthony & Sons, printing | $48.15 | |
| Isaac L. Ashley, carriage hire | 31.75 | |
| J. V. Bancroft, sprinkling | 112.00 | |
| William Bartels, elk | 125.00 | |
| Belmont Iron Works, settees | 399.00 | |
| Clara Bennett, rent | 240.00 | |
| Blair Sign Co., signs | 89.25 | |
| Bliss & Nye, wall paper | 24.17 | |
| Joseph Breck & Sons, dishes | 2.00 | |
| Briggs & Lawrence, furnishings | 8.00 | |
| Cemetery Board, labor | 120.04 | |
| J. F. Chipman, keeper, disbursements | 6.55 | |
| Frederic B. Cook, services | 36.00 | |
| Patrick Connors, screenings | 153.00 | |
| Frank O. Covel, services | 3.00 | |
| Patrick Connors, teaming | 604.87 | |
| C. F. Cushing, bear collars | 2.75 | |
| Henry H. Dews, services | 3.00 | |
| David Duff & Son, carting | 40.00 | |
| Fairfield Lawn Swing Co., swings | 216.00 | |
| M. Abbott Frazar, taxidermy | 3.50 | |
| Charles A. Gray & Co., freight and carting | 55.86 | |
| W. A. Greenough & Co., directory | 4 00 | |
| Hatch & Co., express | 60.65 | |
| A. H. Hews & Co., pots | 8.50 | |

| | | |
|---|---|---|
| John J. Howland, chairman, disbursements | 47.65 | |
| H. S. Hutchinson & Co., books | 6.50 | |
| Henry F. Jenks, drinking fountains | 180.00 | |
| William L. Kelley, badges | 9.50 | |
| Wilton Lockwood, fancy ducks | 178.00 | |
| Manning Brothers expert services, | 59.25 | |
| Masonic Building Association, rent | 250.00 | |
| Mercury Publishing Co., advertising | 3.40 | |
| Mercury Publishing Co., printing | 460.71 | |
| Mercury Publishing Co., subscription | 6.00 | |
| N. B. Monumental Works, bases | 6.00 | |
| N. B. Gas & Edison Light Co., lighting | 432.84 | |
| N. B. Product Co., services | 7.00 | |
| N. B. Steam Carpet Beating est., cleaning | 1.52 | |
| N. Y., N. H. & H. R. R. Co., freight | 76.09 | |
| A. W. Perkins & Co., carting | 10.50 | |
| Phoenix Iron Works, merry-go-round | 275.00 | |
| H. B. Remington, teaming | 129.37 | |
| George D. Richards, sporting goods | 45.00 | |
| A. K. P. Swain, moving building | 30.00 | |
| Clifford P. Sherman, legal services | 15.00 | |
| James Slater, flags | 30.50 | |
| So. Mass. Telephone Co., service | 39.55 | |
| Manuel Sylvia, carting | 3.00 | |
| Union Street Railway Co., car tickets | 50.00 | |
| William R. West, sign | 1.25 | $4,750.67 |
| | | $43,503.17 |
| To transfer to balance | | 26.59 |
| | | $43,529.76 |

CR.

| | | |
|---|---|---|
| By appropriation | $25,000.00 | |
| By special apprpriation | 18,000.00 | |
| Receipts as per Treasurer's reports | 529.76 | $43,529.76 |

## PARKER STREET SCHOOL, ADDITIONS AND ALTERATIONS.

DR.

| | | |
|---|---|---|
| John B. Sullvan & Son, contractors | $29,270.40 | |
| December 1, 1902. To balance | $1,067.60 | $30,338.00 |

CR.

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|---|---|
| By special appropriation | $30,338.00 |

CR.

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|---|---|
| December 1, 1902. Balance | $1,067.60 |

## PARKER STREET SCHOOL, HEATING AND VENTILATING.

DR.

| | | |
|---|---|---|
| A. A. Sanborn, contractor | $4,612.00 | |
| December 1, 1902. To Balance | $1,153.00 | $5,765.00 |

CR.

| | |
|---|---|
| By special appropriation | $5,765.00 |

CR.

| | |
|---|---|
| December 1, 1902. Balance | $1,153.00 |

## PARKER STREET SCHOOL, PLANS AND SPECIFICATIONS.

| | |
|---|---|
| Samuel C. Hunt, architect | $1,263.61 |

CR.

| | |
|---|---|
| By special appropriation | $1,263.61 |

## PARKER STREET SCHOOL, REFURNISHING.

DR.

| | | |
|---|---|---|
| Allen Shade Holder Co. | $154.89 | |
| George A. Bosworth | 170.26 | |
| Thomas Holloway | 20.60 | |
| William A. Jennings | 17.25 | |
| Jordan, Marsh Co. | 25.00 | |
| N. B. Gas & Edison Light Co. | 517.83 | |
| N. B. Boiler & Machine Co. | 26.09 | |
| William R. West | 100.75 | |
| Charles F. Wing | 87.00 | $1,119.67 |
| December 1, 1902. To balance | | 2,380.33 |
| | | $3,500.00 |

CR.

| | |
|---|---|
| By special appropriation | $3,500.00 |

CR.

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|---|---|
| December 1, 1902. Balance | $2,380.33 |

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## PINGREE PLAN, FOR THE BENEFIT OF THE POOR AND UNEMPLOYED.

DR.

| | | |
|---|---|---|
| Fertilizers: | | |
| Lawrence & Davis | $91.00 | |
| A. H. Wordell | 125.55 | $216.55 |
| Land rent: | | |
| Lom Snow, trustee | $147.03 | $147.03 |
| Plants and seeds: | | |
| Lawrence & Davis | $57.40 | |
| C. H. & H. A. Lawton Co. | 64.20 | |
| A. H. Wordell | 111.60 | $233.20 |

| | | |
|---|---|---|
| Plowing and harrowing : | | |
| Isaac H. Manchester | $12.00 | |
| A. W. Perkins & Co. | 56.25 | $68.25 |
| Miscellaneous : | | |
| E. Anthony & Sons, advertising | $2.37 | |
| William F. Chase, superintendence | 500.00 | |
| Mercury Publishing Co., advertising | 3.90 | |
| R. W. Taber, memorandum books | 7.60 | $513.87 |
| | | $1,178.90 |
| To transfer to balance | | 21.10 |
| | | $1,200.00 |

Cr.

| | |
|---|---|
| By appropriation | $1,200.00 |

## PLANS AND SPECIFICATIONS FOR NEW SCHOOL BUILDINGS.

Dr.

| | |
|---|---|
| Samuel C. Hunt, architect | $2,275.57 |

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|---|---|
| By transfer from unappropriated funds | $2,275.57 |

## POLICE DEPARTMENT.

Dr.

| | | |
|---|---|---|
| Pay rolls : | | |
| Officers, patrolmen, housekeepers, etc. | | $105,608.60 |
| Quarantine police | 1,566.65 | |
| Reserve police | 1,964.60 | |
| Special police | 653.20 | 4,184.45 |

| | | |
|---|---|---|
| Committing prisoners: | | |
| Lemuel D. Adams | 161.38 | |
| Andrew J. Smith | 2.50 | |
| Willis C. Underwood | 2.90 | |
| James A. Wixon | 12.24 | 179.02 |
| Fuel: | | |
| Franklin J. Chase | 61.00 | |
| City Coal Co. | 325.83 | |
| Denison Brothers Co. | 55.00 | |
| George P. Grant | 2.00 | |
| A. C. Shattuck | 26.06 | 469.89 |
| Personal services: | | |
| George Barnes, M. D. | 5.00 | |
| William E. Brownell, M. D. | 4.20 | |
| Charles F. Connor, M. D. | 5.00 | |
| Edward W. Dehn, M. D. | 5.00 | |
| Manuel F. George, Jr., boatman | 536.00 | |
| Garry De N. Hough, M. D. | 4.00 | |
| William J. Nickerson, M. D. | 5.00 | |
| Joseph P. St. Germain, M. D. | 4.20 | |
| Emanuel Sullavou | 100.00 | |
| James F. Sullivan, M. D. | 5.00 | |
| Amos P. Webber, M. D. | 8.00 | |
| Henry N. West, clerk | 780.00 | |
| James L. Wilber, keeper of lockup | 100.00 | 1,561.40 |
| Police signal system: | | |
| H. T. Allen | $29.50 | |
| American Steel & Wire Co. | 90.00 | |
| William Baylies | 141.74 | |
| George S. Bowen | 113.70 | |
| D. D. Briggs | 8.96 | |
| William G. Brown | 12.00 | |
| Joseph T. Brownell | 15.45 | |
| W. D. Brun | 12.25 | |
| William Cronin & Co. | 121.62 | |
| J. G. Davoll | 25.05 | |
| W. E. Decrow | 123.44 | |
| D. H. & C. A. De Moranville | 2.00 | |
| Henry H. Dews | 2.00 | |
| N. T. Fuller | 14.55 | |

| | | |
|---|---|---|
| Mitch H. Gagner | 71.70 | |
| Perry P. Jenney & Son | 15.00 | |
| J. Frank Kirk | 102.40 | |
| Clarence Lowell | 71.35 | |
| A. J. Manchester | 53.15 | |
| William F. Nye | 1.80 | |
| C. L. Shaw | 13.25 | |
| Samuel Whitlow | 9.30 | |
| A. H. Wordell | 5.85 | $1,056.06 |
| Stock and labor: | | |
| Babbitt, Wood & Co. | .24 | |
| William P. Briggs | 4.50 | |
| William H. Caswell | 266.00 | |
| Coggeshall, Maxfield & Co. | 74.74 | |
| T. M. Hart & Co. | 175.47 | |
| D. L. Hathaway & Son | 156.13 | |
| James G. Hellyer | 1.60 | |
| Highways and streets | 1.51 | |
| Perry P. Jenney & Son | 90.97 | |
| L. A. Littlefield | 1.50 | |
| John L. G. Mason | 66.35 | |
| N. B. Boiler & Machine Co. | 9.18 | |
| N. B. Gas & Edison Light Co. | 8.99 | |
| The Pairpoint Corporation | 9.00 | |
| E. F. Penney | 41.40 | |
| C. R. Sherman & Son | 7.60 | |
| Manuel E. Sylvia | 395.40 | |
| E. G. Watson | 31.30 | |
| Herbert L. Weeks | 2.00 | |
| Wood, Brightman & Co. | 53.26 | 1397.14 |
| Supplies: | | |
| Blackbird Pen Co. | 1.50 | |
| Boston Beef Co. | 107.82 | |
| George L. Briggs | .75 | |
| Sarah M. Brownell | 108.30 | |
| D. Evans & Co. | 29.00 | |
| D. B. Folger | 34 10 | |
| Thomas Hersom & Co. | 8.36 | |
| C. H. & H. A. Lawton Co. | 15.83 | |
| C. W. Lerned & Co. | 32.50 | |
| George D. Richards | 2.50 | |

| | | |
|---|---|---|
| William D. Richards | 3.42 | |
| Schuler Brothers | 12.63 | |
| Arthur H. Swift | 15.00 | |
| Robert W. Taber | 8.00 | |
| George Thomas | 72.50 | |
| Charles H. Tripp | 23.80 | |
| Wood, Brightman & Co. | 1.88 | $477.89 |

Miscellaneous:

| | | |
|---|---|---|
| E. Anthony & Sons, advertising | $3.00 | |
| Isaac L. Ashley, carriage hire | 1.25 | |
| Automatic Telephone Co-, service | 81.75 | |
| John H. Backus, coat hooks | 1.50 | |
| J. V. Bancroft, street sprinkling | 51.00 | |
| Bent & Bush, insignia and badges | 31.00 | |
| Bliss & Nye, sundries | 11 33 | |
| A. L. Braley, punch bags | 3.00 | |
| George L. Briggs, newspapers | 28 75 | |
| George L. Brownell, clubs | 40.30 | |
| Sarah M. Brownell, laundry | 12.50 | |
| Andrew M. Bush, repairs | 4.00 | |
| Thomas J. Cashman, gas lighters | 4.00 | |
| City Steam Laundry, laundry | 46.36 | |
| A. E. Coffin Press, printing | 110.85 | |
| De Wolf & Vincent, hardware | 3.05 | |
| James Duddy, carting | .70 | |
| S. A. French & Co., chains and whistles | 7.50 | |
| Joseph Garrant, bicycle tire | 3.00 | |
| George E. Gendron, inspector, expenses | 48.40 | |
| W. A. Greenough & Co., directories | 28.00 | |
| Hatch & Co., express | .45 | |
| Franklin L. Hathaway, inspector, expenses | 48.80 | |
| Mary A. Henderson, cleaning | 22.50 | |
| Frank Hill, cleaning | 10.00 | |
| Hillman, Washburn & Co., hardware and sundries | 63.38 | |
| H. S. Hutchinson & Co., books and maps | 12.50 | |
| Kirby & Hicks, carriage hire | .25 | |
| Henry W. Mason , chief, disbursements | 81.83 | |
| Mercury Publishing Co., advertising | 9.00 | |
| Mercury Publishing Co., printing | 3.00 | |
| Mercury Publishing Co., subscription | 6.00 | |
| N. B. Gas & Edison Light Co., lighting | 481.76 | |

| | | |
|---|---|---|
| N. B. Rubber Co., blanket | 1.50 | |
| N. B. Steam Carpet Beating Est., cleaning | 2.38 | |
| John O'Neil, photographs | 5.00 | |
| Fred W. Palmer, gas burner | 6.00 | |
| John C. Parker, lieutenant, expenses | 6.90 | |
| Edward M. Peirce, horse equipments | 12.50 | |
| Mortimer Searles, rubber stamps | 2.00 | |
| So. Mass. Telephone Co., service and tools | 166.93 | |
| J. V. Spare Dry Goods Co., bedding and towels | 22.47 | |
| D. J. Sullivan, repairs | 1.05 | |
| Sullivan & Markey, binding | 2.00 | |
| M. C. Swift & Son, braid and repairs | 17.85 | |
| R. W. Taber, stationery | 63.54 | |
| Thomas W. Talcott, clothing | 3.00 | |
| Viall & Cook, rent | 200.04 | |
| Wendell, Fay & Co., uniform cloth | 583.14 | |
| James M. Whittaker, laundry | 35.70 | |
| Chas. F. Wing, carpets, furniture and repairs | 97.61 | |
| Robert Wolfenden, laundry | 73.50 | 2,563.82 |
| | | $117,498.27 |
| To transfer to balance | | 3,218.88 |
| | | 120,747.15 |

CR.

| | | |
|---|---|---|
| By appropriation | $112,000.00 | |
| Receipts as per Treasurer's reports | 8,747.15 | $120,747.15 |

## POOR DEPARTMENT.

DR.

| | | |
|---|---|---|
| Almshouse: | | |
| Almshouse help, wages | $9,628.28 | |
| Acushnet Co-operative Association, groceries and provisions | 1,656.21 | |
| Francis T. Akin, painters' supplies | 66.40 | |

| | |
|---|---|
| James T. Almy, spectacles | .50 |
| E. Anthony & Sons, subscription | 6.00 |
| Ashley & Peirce, clothing and furnishings | 288.74 |
| Isaac L. Ashley horse keeping | 116.00 |
| Merton B. Ashley, sawdust and wood | 42.75 |
| Automatic Telephone Co., service | 31.50 |
| John W. Bannister, meat | 617.78 |
| John B. Baylies, brooms and pails | 19.00 |
| William Baylies, flour, grain and groceries | 1,127.15 |
| James E. Blake, seeds | 37.15 |
| Bliss and Nye, crockery and glass | 78.40 |
| H. T. Borden, wood | 74.25 |
| Bowman & Vaughan, molasses, rice and tobacco | 637.48 |
| Henry M. Brett, soap | 71.80 |
| Bristol, Myers & Co., medicine | 12.00 |
| E. C. Brownell & Co., fish and meat | 656.88 |
| S. A. Brownell & Co., meat | 91.59 |
| Buchell Shoe Co., shoes | 9.85 |
| C. W. Chase, fish and meat | 91.70 |
| City Coal Co., coal | 883.95 |
| A. E. Coffin Press, stamped envelopes | 6.50 |
| C. S. & B. Cummings, sugar | 16.06 |
| Edward F. Dahill, leather | 13.95 |
| J. Davis & Co., shoes and rubbers | 135.65 |
| J. G. Davoll, flour and grain | 510.35 |
| D. H. DeMoranville, freight and carting | 14.39 |
| Denison Brothers Co., coal | 359.07 |
| Denison, Plummer Co., flour and grain | 273.38 |
| Henry H. Dews, services | 23.00 |
| Thomas Donaghy, leather and findings | 157.72 |
| James S. Dick, furnishings | 250.15 |
| Driscol, Church & Hall, groceries | 406.26 |
| William H. Dwelley, blacksmithing | 1.25 |
| Manuel P. Enos, two cows | 40.00 |
| P. M. Frank Co., disinfectant | 15.00 |
| Fire Department, dressing | 205.00 |
| Fitchtenmayer & Flynn, blacksmithing | 212.52 |
| F. A. Frates, harness and repairs | 242.05 |
| N. T. Fuller, blacksmithing and painting | 138.40 |
| Greene & Wood, lumber | 131.38 |
| W. A. Greenough & Co., directory | 4.00 |
| Jonathan Handy Co., bolts and hooks | 2.77 |

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|---|---|
| T. M. Hart & Co., labor and supplies | 23.97 |
| Haskell & Tripp, dry goods | 2.23 |
| W. E. Hathaway, flour, grain and seed | 350.17 |
| Thomas Hersom & Co., oil | 2.05 |
| Hillman, Washburn & Co., hardware and tools | 247.97 |
| Albert W. Holmes, coal | 44.80 |
| A. H. Howland, agent, liquor | 146.00 |
| Henrietta Humphrey, services | 65.00 |
| Perry P. Jenney & Son, mower repairs | 2.47 |
| William L. Kelley, clocks and spectacles | 18.75 |
| C. H. & H. A. Lawton Co., prescriptions | 2.95 |
| Joseph S. Lewis, Jr., steam fitting | 116.09 |
| Clarence Lowell, carriage repairs | 22.30 |
| John McCullough, canvas | 45 00 |
| Frederick Macy, dressing | 11.11 |
| Mercury Publishing Co., subscription | 6.00 |
| George F. Merry, sawdust | 25.00 |
| Mills Tea & Coffee Co., coffee | 60.00 |
| T. J. Moriarity, stock and labor | 254.84 |
| New England Homestead, subscription | 3.00 |
| N. B. Foundry & Machine Co., stock and labor | 1.75 |
| N. B. Gas & Edison Light Co., lighting | 677.84 |
| N. B. Gas & Edison Light Co., fixtures and labor | 3.86 |
| N. B. Public Market, coffee | 10.00 |
| N. B. Steam Carpet Beaing Est., cleaning | 2.00 |
| N. Y., N. H. & H. R. R. Co., freight | .29 |
| Charles S. Paisler, lime and plaster, | 4.90 |
| James E. Pease, dentistry | 4.00 |
| S. S. Peckham, plants | 18.00 |
| E. F Penney, plumbing, iron and tinware | 78 20 |
| T. H. Pickles, horseshoeing | 1.50 |
| G. &. L. Poisson, clothing and furnishings | 23.00 |
| William F. Potter, & Co., groceries | 1,272.20 |
| Richmond & Co., hops and malt | 18.26 |
| A. Robinson, tobacco | 145.50 |
| Sanitos Co., disinfectant | 42.00 |
| C. R. Sherman & Son, stock and labor | 19.30 |
| I. C. Sherman & Son, seed potatoes | 47.75 |
| So. Mass. Telephone Co., service | 73.93 |
| J. V. Spare Dry Goods, dry goods and notions | 288.73 |

| | | |
|---|---|---|
| Sullivan & Markey, binding | 15.00 | |
| Arthur H. Swift, sultar | 15.00 | |
| M. C. Swift & Son, clothing | 2.50 | |
| Sylvia & Andrews, groceries | 68.04 | |
| Robert W. Taber, books and stationery | 17.91 | |
| James P. Taylor, chemicals and drugs | 842.50 | |
| George Tripp, painting | 94.50 | |
| Weslbach Street Lighting Co., damages | 5 50 | |
| Clarence E. Westgate, wood | 10.00 | |
| Alfred G. Wilbor, flour | 93.25 | |
| E. Williams, chaplain, services | 156.00 | |
| C. F. Wing, carpets, furniture and repairs | 140.78 | |
| John A. Wood & Co., seed potatoes | 19.40 | |
| Wood, Brightman & Co., stove fittings | 3.75 | |
| A. H. Wordell, fertilizer, hardware and seed | 353.25 | |
| Frank L. Young & Kimball, oil | 8.80 | $25,433.10 |
| Burials: | | |
| Robert G. Bennett | 80.00 | |
| Joseph Carriere | 8.00 | |
| A. Desautels | 13.00 | |
| Vital Girard | 176.00 | |
| John E. Moriarty | 70.00 | |
| T. J. Murphy | 49.00 | |
| John Rogers | 331.00 | |
| J. D. Sullivan | 66.00 | |
| Weston C. Vaughan, Jr. | 129.00 | |
| Joseph S. Williams | 485.00 | |
| E. T. Wilson & Son | 182.00 | 1,589.00 |
| Cities and towns: | | |
| Adams | 45.00 | |
| Boston | 442.00 | |
| Cambridge | 4.87 | |
| Fairhaven | 345.15 | |
| Fall River | 221.22 | |
| Fitchburg | 69.41 | |
| Freetown | 59.00 | |
| Harwich | 10.25 | |
| Mansfield | 155.00 | |
| Mattapoisett | 25.61 | |
| Middleborough | 89.36 | |
| Nantucket | 48 00 | |
| Springfield | 24.36 | |
| Taunton | 52.35 | |

| | | |
|---|---|---|
| Wareham | 24.50 | |
| Webster | 83.75 | |
| Westminster | 9.50 | |
| Worcester | 13.52 | 1,722.85 |

Grocery orders:

| | |
|---|---|
| Acushnet Co-operative Association | 321.00 |
| Charles Akin | 1.50 |
| A. G. Alley, Jr. | 62.50 |
| Joseph Almeda | 3.00 |
| William Armitage | 98.00 |
| Reuben Arsenault | 3.00 |
| J. B. Ashley, Jr. | 143.00 |
| J. C. Austin | 49.50 |
| D. W. Baker | 74.00 |
| John W. Bannister | 584.00 |
| J. Barlow | 45.50 |
| J. W. Bates & Co. | 169.00 |
| Lot B. Bates | 169.00 |
| William Baylies | 831.00 |
| Octave Benjamin | 3.00 |
| A. F. Blossom | 10.50 |
| Bolduc & Langlois | 59.50 |
| Arthur H. Borden | 58.00 |
| Boston Beef Co. | 1,150.00 |
| Albert C. Braley | 106.00 |
| Braley & Brownell | 40.50 |
| J. W. Braley, Jr. | 114.00 |
| David Bromley | 78.00 |
| C. H. Brownell & Son | 739.50 |
| S. A. Brownell & Co. | 152.50 |
| William Burke | 42.00 |
| William Burgess & Son | 40.50 |
| A. M. Burns | 99.00 |
| Central Union Association | 426.00 |
| W. L. Chadwick | 79.50 |
| W. H. Chappell estate | 30.00 |
| C. W. Chase | 82.50 |
| Aldege Chausse | 24.00 |
| Joseph Chausse | 263.00 |
| Henry W. Cole & Co. | 66.00 |
| John H. Cook | 110.50 |

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|---|---|
| Coxen & Tripp | 56.00 |
| Cushman Brothers | 30.00 |
| Fred A. Dammon | 80.50 |
| S. Desautels | 95.00 |
| Driscol, Church & Hall | 2,093.00 |
| D. B. Folger | 650.50 |
| Henry Gatie | 117.50 |
| D. H Gauthier | 94.00 |
| German & Bohemian Co-operative Association | 102.00 |
| Gilmore Brothers | 16.00 |
| Joseph Gomes | 4.00 |
| G. F. Gray | 45.00 |
| John Greenwood | 119.50 |
| Harrington Cash Store | 24.50 |
| John S. Harrington | 141.50 |
| Benjamin Hebert | 139.00 |
| William Hindle | 10.00 |
| H. W. Hirst | 153.00 |
| James Howarth | 13.50 |
| J. L. Humphrey, Jr. | 19.50 |
| William H. Humphrey | 6.00 |
| Edward Hughes & Son | 2.00 |
| Walter F. Jenney | 77.00 |
| M. J. Keavy | 12.50 |
| Joseph Keroack | 9.00 |
| Adam S. Korona | 14.00 |
| Edward T. Lawton | 46.00 |
| Joseph Lord | 1.50 |
| William T. Luce, Jr. | 120.50 |
| W. Lussier | 3.50 |
| L. E. Milliken & Co. | 566.50 |
| Thomas J. Murphy | 53.50 |
| N. B. Public Market | 36.00 |
| John Notter | 106.58 |
| Alfred Nye | 78.00 |
| Alfred Owen | 133.00 |
| Parent & Methot | 24.00 |
| William A. Perry | 187.00 |
| Joseph P. Ponte | 15.00 |
| E. L. Potter | 96.00 |
| William F. Potter & Co. | 182.50 |
| John F. Riley | 107.50 |

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|---|---|---|
| Daniel Robinson | 158.50 | |
| J. C. Robertson | 22.00 | |
| Samuel Seabury | 52.00 | |
| Morris Shapira | 6.00 | |
| H. A. Sherman | 114.00 | |
| Edward Silvester | 80.50 | |
| Snell & Simpson | 1.50 | |
| William Sousa | 21.00 | |
| George B. Stafford | 45 00 | |
| A. G. Stanton | 19.50 | |
| Sylvia & Andrews | 212.50 | |
| O. R. Taber & Son | 54.50 | |
| Thompson & Sweeney | 45.00 | |
| D. K. Tripp | 313.50 | |
| Franklin H. Vinal | 138.50 | |
| A. R. Washburn | 57.00 | |
| C. F. Wing | 22.00 | |
| James H. Winslow | 5.50 | |
| Israel Wollison | 7.00 | |
| Thomas Wrigley | 163.50 | |
| F. Zimmermann | 90.00 | $13,839.08 |
| Physicians and medicines : | | |
| H. A. Blackmer | 3.50 | |
| Joseph A. Frasier, M. D. | 1,020.00 | |
| C. H. & H. A. Lawton Co. | 1.70 | |
| Alphonse Normandin, M. D. | 1,023.50 | |
| Nuttall's Pharmacy | 2.40 | |
| Frank E. Stetson, M. D. | 2.00 | 2,053.10 |
| Salaries : | | |
| Ella F. Bucklin, clerk | 799.76 | |
| A. H. W. Carpenter, overseer and secretary | 999.96 | |
| Charles S. Paisler, overseer | 150.00 | |
| William H. Rankin, overseer | 93.75 | |
| Antone H. Senna, interpreter | 799.76 | |
| Augustus A. Wood, visitor | 799.76 | 3,642.99 |
| State institutions : | | |
| Commonwealth of Massachusetts | 774.37 | |
| Hospital for Dipsomaniacs and Inebriates | 116.07 | |
| Hospital for Epileptics | 668.11 | |
| Medfield Insane Asylum | 2,379.81 | |

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|---|---|---|
| School for the Feeble Minded | 764.15 | |
| Taunton Insane Hospital | 10,879.25 | |
| Westboro Insane Hospital | 338.91 | |
| Worcester Insane Asylum | 126.75 | |
| Worcester Insane Hospital | 42.71 | 16,090.13 |
| Wood and coal yard : | | |
| Andrew J. Ashley, superintendent | 546.00 | |
| Automatic Telephone Co., service | 9.00 | |
| H. T. Borden & Co., sawing wood | 12.13 | |
| City Coal Co., coal | 256.42 | |
| Denison Brothers Co., coal and wood | 1,493.15 | |
| David Duff & Son, coal | 2.00 | |
| H. M. Gibson, wood | 80.75 | |
| N. P. Hayes, tools | 1.50 | |
| Highways and streets, carting | 556.38 | |
| Percy E. James, plumbing | 9.11 | |
| Perry P. Jenney & Son, tools and fitting | 21.80 | |
| Charles S. Kelley, Jr., wood | 163.31 | |
| John N. O'Brien, coal and wood | 2.40 | |
| James L. Peck, setting glass | 2 50 | |
| William H. Rankin, stock and labor | 5.95 | |
| John A. Russell, wood | 268 97 | |
| Clarence E. Westgate, wood | 169.68 | 3,601.05 |
| Miscellaneous : | | |
| F. T. Akin, labor and material | 2 06 | |
| E. Anthony & Sons, printing | 28.50 | |
| E. Anthony & Sons, subscription | 6 00 | |
| Ashley & Peirce, clothing and furnishings | 12.72 | |
| Isaac L. Ashley, carriage hire | 16.95 | |
| Automatic Telephone Co., service | 111.00 | |
| Bliss & Nye, sundries | 3.00 | |
| A. H. W. Carpenter, disbursements | 55.07 | |
| Cherry & Co., garments | 8.94 | |
| City Treasurer, cash orders | 2,122.65 | |
| A. E. Coffin Press, paper and printing | 16.25 | |
| W. H. Collins & Co., books | 74.00 | |
| C. S. & B. Cummings, soap and matches | 1.10 | |
| Z. B. Davis, stock and labor | 143.86 | |
| DeWolf & Vincent, grate | .90 | |
| Thomas Donaghy, shoes | 1.50 | |
| John Duff, P. M., stamped paper | 47.80 | |

| | | |
|---|---|---|
| J. L. Fairbanks Co., registry book | 4.00 | |
| E. C. Gardiner estate, hacking | 1.60 | |
| T. M. Hart & Co., canvas | .80 | |
| T. F. Healy & Son, shoes | 1.00 | |
| Hobbs & Warren Co., blanks and books | 38.18 | |
| H. S. Hutchinson & Co., law books | 6.50 | |
| E. V. Kendall, reporting | 25.00 | |
| Library Bureau, index cards | 13.80 | |
| Margaret McMahon, services | 10.00 | |
| John D. Manseau, transportation | 31.05 | |
| Mercury Publishing Co., printing and binding | 11.00 | |
| Mercury Publishing Co. subscription | 6.00 | |
| N. B. Emergency Hospital, board | 305.29 | |
| N. B. Gas & Edison Light Co., stock and labor | 1.95 | |
| N. Y., N. H. & H. R. R. Co., mileage | 253.28 | |
| L. Z. Normandin, pens | 7.50 | |
| Old Dominion Steamship Line, transportation | 56.00 | |
| D. L. Parker, P. M., stamped paper | 5.00 | |
| J. Henry Peirce, carriage hire | 24.50 | |
| Sanders & Barrows Co., furnishings | 5.00 | |
| Schuler Brothers, shoes | 2.00 | |
| C. R. Sherman & Son, electric bells | 5.15 | |
| F. R. Slocum Co., chair and repairs | 9.75 | |
| So. Massachusetts Telephone Co., service and tolls | 84.00 | |
| J. V. Spare Dry Goods Co., dry goods | 15.83 | |
| St. Lukes Hospital, board | 389.60 | |
| St. Mary's Home, board | 47.00 | |
| Carl Strauss, pencil sharpener | 9.00 | |
| Sullivan & Markey, binding | 2.00 | |
| R. W. Taber, books and stationery | 45.49 | |
| Union Boot & Shoe Co., shoes and rubbers | 92.25 | |
| Union Street Railway Co., car tickets | 30.00 | |
| E. Williams, aid to shipwrecked seamen | 34.85 | $4,226.67 |
| | | $72,197.97 |
| To transfer to balance | | 1,423.19 |
| | | $73,621.16 |

Cr.

| | | |
|---|---|---|
| By appropriation | 55,000.00 | |
| By special appropriation | 9,000.00 | |
| Receipts as per Treasurer's reports | 9,621.16 | $73,621.16 |

## PRINTING, BINDING AND STATIONERY.

Dr.

| | | |
|---|---|---|
| E. Anthony & Sons, Incorp. | $8.42 | |
| F. S. Brightman Co. | 50.88 | |
| Carter's Ink Co. | 5.45 | |
| A. E. Coffin Press | 2,032.33 | |
| W. H. Collins & Co. | 147.50 | |
| W. A. Greenough & Co. | 40.00 | |
| Hobbs & Warren Co. | 42.86 | |
| H. S. Hutchinson & Co. | 32.50 | |
| Library Bureau | 13.49 | |
| Mercury Publishing Co. | 38.72 | |
| L. Z. Normandin | 1.50 | |
| W. M. Olin, Secretary | 1.00 | |
| Pneumatic Hand Stamp Co. | .83 | |
| Joseph Proulx, agent | 16.50 | |
| W. H. B. Remington | .25 | |
| C. R. Sherman & Son | 1.00 | |
| Sullivan & Markey | 735.95 | |
| Robert W. Taber | 346.46 | |
| Wyckoff, Seamans & Benedict | 4.75 | $3,520.39 |

Cr.

| | | |
|---|---|---|
| By appropriation | 3,000.00 | |
| By transfer to balance | 520.39 | $3,520.39 |

## PROTECTION OF SHADE TREES.

### Dr.

| | | |
|---|---|---|
| Pay rolls, labor | | $1,251.37 |
| A. W. Allen estate, poles | 14.45 | |
| Bowker Insecicide Co., disparene | 300.00 | |
| William P. Briggs, labor | 1.50 | |
| DeWolf and Vincent, hardware and tools | 4.79 | |
| T. M. Hart & Co , blocks and twine | 1.19 | |
| Hatch & Co., express | .45 | |
| George E. Hatch, repair of apparatus | 10.10 | |
| W. S. Hill Electric Co., sheet brass | .60 | |
| Highways and streets, stock, labor and teaming | 949.60 | |
| Warren Ingraham, labor and expenses | 18.37 | |
| Perry P. Jenney & Son repairs | 6.55 | |
| A. H. Kirkland, lecture | 25.00 | |
| C. F. Lawton. lecture expenses | 2.00 | |
| Mercury Publishing Co., advertising | 1.00 | |
| N. B. Boiler & Machine Co., labor | 4.40 | |
| N. Y., N. H. & H. R. R. Co., freight | 5.11 | |
| William H. Rankin, repairs | 3.65 | |
| Slocum & Kilburn, wire | .45 | |
| So. Mass. Telephone Co., tolls | .35 | |
| E. C. Ware, spraying apparatus | 261.90 | |
| Wood Brightman & Co., hose and rod | 5 25 | 1,616.71 |
| | | $2,868.08 |
| To transfer to balance | | 772.49 |
| | | 3,640.57 |

### Cr.

| | | |
|---|---|---|
| By special appropriations | $3,500.00 | |
| Receipts as per Treasurer's reports | 140.57 | $3,640.57 |

## PUBLIC BATHS,—IMPROVEMENTS.

### Dr.

| | | |
|---|---|---|
| Boston Furniture Co., window shades | $1.00 | |
| John F. Borden, moving buildings | 150.00 | |
| William P. Briggs, hardware and labor | 62.40 | |
| William P. Butler, hardware | 4.12 | |
| Hillman, Washburn & Co., hardware and lanterns | 45.70 | |
| T. J. Moriarty, lead and oil | 10.10 | |
| Edward Murphy, painting | 82 12 | |
| E. F. Penney, plumbing | 20.93 | |
| Siddall & Barlow, bath houses and equipment | 150.00 | |
| Francis Thorley, stock and labor | 566.07 | |
| Henry W. Tripp, stock and labor | 18.17 | $1,110.61 |

### Cr.

| | | |
|---|---|---|
| By special appropriation | $1,000.00 | |
| By transfer to balance | 110.61 | $1,110.61 |

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## PUBLIC BATHS,—MAINTENANCE.

### Dr.

| | |
|---|---|
| Isaac L. Ashley, agent, land rent | $200.00 |
| William P. Butler, glass and hardware | 8.27 |
| J. A. Frasier, M. D. services | 3.00 |
| Mary A. Green, labor | 4.50 |
| Haskell & Tripp, suits and towels | 55.80 |
| Hillman, Washburn & Co., hardware, etc. | 3.00 |
| Kirby & Hicks, carriage hire | 3.00 |
| Clarence G. Lamb, labor | 11.27 |
| John Latham, carting | 6.00 |
| James McNeeley, services | 274.00 |
| James McNeeley, disbursments | 23.21 |
| Patrick Mahon, services | 202.00 |
| E. F. Penney, plumbing | 2.65 |
| G. & L. Poisson, buttons, needles and thread | 6.36 |
| George D. Richards, rubber rings | 29.95 |

| | | |
|---|---|---|
| Rotch & Potter, insurance | 15.60 | |
| Ruggles & Ellison, towels | 12.00 | |
| Mortimer Searles, ink and stamp | 1.22 | |
| Smith & Murphy, chemicals | 1.80 | |
| Whittaker Steam Laundry Co., laundry | 113.53 | |
| J. & W. R. Wing Co., buttons | 11.00 | $988.16 |
| To transfer to balance | | 11.84 |
| | | $1,000.00 |

Cr.

| | |
|---|---|
| By special appropriation | $1,000.00 |

## PUBLIC DEBT.

Dr.

| | | |
|---|---|---|
| Principal (bonds) paid | $90,000.00 | |
| Interest on bonded debt | 155,702.50 | |
| Interest on temporary loans | 27,754.83 | |
| Interest on trust funds | 8,297.72 | $281,755.05 |
| To transfer to balance | | 722.95 |
| | | $282,478.00 |

Cr.

| | | |
|---|---|---|
| By appropriation | $190,398.00 | |
| Receipts as per Treasurer's reports | 92,080.00 | 282,478.00 |

## PUBLIC SCHOOLS, DOG FUND

Dr.

| | |
|---|---|
| School Census: | |
| Gilbert B. Borden | $55.00 |
| William Hawes | 40.00 |

| | | |
|---|---|---|
| Laura T. Howland | 37.00 | |
| Alice P. Miller | 87.50 | |
| Walter R. Myrick | 50.00 | |
| Henry T. Phillips | 85.00 | |
| Robert W. Taber | 3.60 | $358.10 |
| Flags and repairs : | | |
| Almy & Hitch | 27 00 | |
| T. M. Hart & Co. | 36 15 | |
| Frank R. Pease | 38.75 | |
| Pease Fireworks Co. | 19.25 | |
| Pease's Prescription Pharmacies | 24.00 | |
| James Slater | 6.00 | 151.15 |
| Miscellaneous : | | |
| William E. Hatch, cash for disbursements | 225.00 | |
| Rand, McNally Co., maps | 42.64 | 267.64 |
| | | $776.89 |
| December 1, 1902. To balance | | 2,797 51 |
| | | 3,574.40 |

CR.

| | | |
|---|---|---|
| December 2, 1901. By balance | $2,020.46 | |
| Receipts as per Treasurer's reports | 1,553.94 | $3,574.40 |

CR.

| | |
|---|---|
| December 1, 1902. Balance | $2,797 51 |

## PUBLIC SCHOOLS, INCIDENTALS.

DR.

| | | |
|---|---|---|
| Salaries : | | |
| William E. Hatch, superintendent and secretary | $3,500.40 | |
| Emma M. Almy, clerk | 801.30 | |
| Frances H. Allen, clerk | 37.76 | |

| | | |
|---|---|---|
| Sarah D. Ottiwell, clerk | 600.00 | |
| Mary C. Potter, clerk | 547.48 | |
| Josephine B. Stuart, clerk | 7.50 | |
| George K. Dammon, messenger | 845.44 | $6,339.88 |
| Pay rolls: | | |
| Janitors and truant officers | | 20,228.05 |
| Books and stationery: | | |
| Adams, Cushing & Foster | 1,096.60 | |
| Allyn & Bacon | $40.00 | |
| James T. Almy | 9.50 | |
| American Bank Note Co. | 87.50 | |
| American Book Co. | 894.72 | |
| E. Anthony & Sons | 191.40 | |
| Edward E. Babb & Co. | 26.67 | |
| Boston School Supply Co. | 123.00 | |
| F. H. Butterfield | 3.44 | |
| T. H. Castor & Co. | 7.00 | |
| A. E. Coffin Press | 1,024.98 | |
| Coffin Brothers | .45 | |
| Levi L. Crane | 4.50 | |
| Cupples & Schoenhof | 13.85 | |
| Eagle Pencil Co. | 15.75 | |
| Esterbrook Steel Pen Mfg. Co. | 54.00 | |
| E. P. Gerould & Co. | 4.00 | |
| Ginn & Co. | 861.21 | |
| Globe-Wernicke Co. | $7.40 | |
| J. L. Hammett Co. | 1,038.59 | |
| Mary I. Hamilton | 1.50 | |
| D. C. Heath & Co. | 1,412.21 | |
| Holden Patent Book Cover Co. | 786.06 | |
| Houghton, Mifflin & Co. | 209.95 | |
| H. S. Hutchinson & Co. | 12.50 | |
| Edwin R. King | 16.75 | |
| Kenney Brothers & Wolkins | 20.00 | |
| Maynard, Merrill & Co. | 226.58 | |
| Mozart Composing Book Co. | 10.00 | |
| W. L. Musick | 33.25 | |
| The Neostyle Co. | 17.90 | |
| S. S. Packard | 8.00 | |
| Practical Text Book Co. | 5.20 | |
| Prang Educational Co. | 1,003.70 | |

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|---|---|---|
| George P. Putnam's Sons | 6.67 | |
| Benjamin H. Sanborn & Co. | 63.48 | |
| Sibley & Co. | 1.70 | |
| Silver Burdett & Co. | 15.00 | |
| Sullivan & Markey | 135.42 | |
| Robert W. Taber | 312.37 | |
| Thompson, Brown & Co. | 98.95 | |
| Thorpe & Martin Co. | 14.40 | $9,916.15 |
| Fuel: | | |
| Merton B. Ashley | 94.18 | |
| H. T. Borden & Co. | 31.90 | |
| City Coal Co. | 5,040.50 | |
| Patrick Connors | 6.00 | |
| Denison Brothers Co. | 2,362.61 | |
| James Hartley | 12.00 | |
| David Hutchings | 9.00 | |
| Latham T. Jennings | 97.37 | |
| W. R. Morse, manager | 12.00 | |
| Morse & Osborn | 9.00 | |
| John N. O'Brien | 189.75 | |
| H. O. White | 6.75 | |
| Lucie White | 23.83 | 7,894.89 |
| Furniture, furnishings and repairs: | | |
| Allen's Shade Holder Co. | 3.75 | |
| Chandler Adjustable Chair & Desk Co. | 359.68 | |
| William F. Desmond | 8.10 | |
| Household Furnishing Co. | 12.50 | |
| Kenney Brothers and Wolkins | 1,655.55 | |
| New Bedford Furniture Co. | 42.75 | |
| Henry T. Phillips | 37.00 | |
| B. H. Waite & Co. | 21.53 | |
| Charles F. Wing | 814.18 | 2,955.04 |
| Janitors' labor, laundry and sundries: | | |
| Robert Arnett | 15.15 | |
| Samuel S. Broadbent | 17.37 | |
| H. O. Casey | 5.80 | |
| Phylander Chace | 41.67 | |
| William J. Cochrane | 33.77 | |
| Timothy Crowley | 5.80 | |
| George W. Dexter | 19.85 | |

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|---|---|---|
| Edward H. Field | 12.68 | |
| Henry M. Gifford | 17.13 | |
| Joseph Green | 18.20 | |
| James T. Heron | 11.20 | |
| Thomas C. Holmans | 12.00 | |
| Edwin Jones | 13.71 | |
| Edward I. Lawrence | 23.33 | |
| Hiram T. Lumbert | 68.03 | |
| John Lumbert | 17.49 | |
| Robert J. Moncrieff | 12.42 | |
| F. O. Pollock | 61.49 | |
| John H. Rudge | 17.10 | |
| Edwin S. Tallmann | 18.20 | |
| LeRoy G. Tripp | 10.31 | |
| Albert P. White | 15.40 | |
| James A. Wood | 18.79 | $486.89 |
| Labor and material: | | |
| Willard B. Bennett | 4.24 | |
| Blair Sign Co. | 3.00 | |
| George A. Bosworth | 401.10 | |
| William P. Briggs | 119.70 | |
| Charles F. Chase | 35.00 | |
| R. E. Edwards | 4.95 | |
| George A. Eggers | 34.90 | |
| John H. Ennis | 20.25 | |
| R. M. Gardner & Co. | 3.44 | |
| D. L. Hathaway & Son | 2.80 | |
| Highways and streets | .49 | |
| Jenney & Buffington | .35 | |
| Perry P. Jenney & Son | 6.25 | |
| Charles F. Keene | 5.95 | |
| John J. Meaney | 116.69 | |
| N. B. Gas & Edison Light Co. | 35.48 | |
| John V. O'Neil | 3.07 | |
| E. F. Penney | .25 | |
| E. A. Remington | 29.98 | |
| F. H. Sargent | 2.50 | |
| C. R. Sherman & Son | 39.88 | |
| R. A. Sherman & Son | 147.72 | |
| William R. West | 83.43 | |
| Samuel Whitlow | 33.20 | |
| George A. Wood | 2.25 | |
| Wyckoff, Seamans & Benedict | 42.25 | 1179.12 |

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|---|---|---|
| Rents: | | |
| Battery E., 1st. Regt., M. V. M. | 35.00 | |
| M. A. Hickey | 191.67 | |
| High School Cadets | 15.00 | |
| Thomas J. Meaney | 1,200.00 | 1,441.67 |
| Supplies | | |
| F. T. Akin & Co. | 1.50 | |
| Bailey Mfg. Co. | 1.82 | |
| James E. Blake | 14.85 | |
| Bliss & Nye | 96.33 | |
| George L. Briggs | .50 | |
| William P. Briggs | 13.60 | |
| William H. Brown | 11.00 | |
| C. H. Brownell & Son | 140.00 | |
| E. C. Brownell | 3.07 | |
| William P. Butler | 4.73 | |
| Continental Brush Co. | 31.35 | |
| Henry T. Corson | .40 | |
| Thomas W. Croacher | .42 | |
| C. S. & B. Cummings | 7.15 | |
| C. F. Cushing | 3.40 | |
| DeWolf & Vincent | 117.43 | |
| Thomas Donaghy | 32.75 | |
| Frank M. Douglass | 11.10 | |
| Driscoll, Church & Hall | 26.95 | |
| C. L. Dunham | 627.25 | |
| Eimer & Amend | 11.60 | |
| D. W. Fisher & Co. | 2.52 | |
| D. B. Folger | 1.03 | |
| Benjamin French & Co. | 11.25 | |
| Frost & Adams Co. | 18.54 | |
| J. L. Hammett Co. | 915.59 | |
| T. M. Hart & Co. | 1.60 | |
| Edward S. Haskell | 1.65 | |
| N. P. Hayes | 1.74 | |
| Thomas Hersom & Co. | 46.10 | |
| Hillman, Washburn & Co. | 69.35 | |
| Perry P. Jenney & Son | 17.41 | |
| Joseph P. Kennedy | 12.50 | |
| Kenney Brothers & Wolkins | 336.31 | |
| Charles H. Kenyon | 18.74 | |
| Edwin R. King | 16.55 | |

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|---|---|---|
| L. E. Knott, Apparatus Co. | 277.19 | |
| Andrew J. Lloyd & Co. | 1.56 | |
| Masury Young & Co. | 91.00 | |
| Moynan & Co. | 7.56 | |
| N. B. Gas & Edison Light Co. | 36.25 | |
| William F. Nye | 1.65 | |
| Packard Hardware Co. | 7.00 | |
| Pairpoint Mfg. Corporation | 12.30 | |
| Charles F. Paisler | .75 | |
| Pease Fireworks Corporation | .75 | |
| Pease & Dandurand | 2.40 | |
| George S. Perry & Co. | 5.84 | |
| G. & L. Poisson | 7.10 | |
| Pope's Island Mfg. Corporation | .90 | |
| Prang Educational Co. | 359.26 | |
| G. G. & G. A. Randall | 216.69 | |
| George D. Richards | 7.50 | |
| Ruggles & Ellison | 43.77 | |
| E. H. Shaw & Co. | 2.16 | |
| Smith & Murphy | 14.26 | |
| F. L. Sowle | 4.13 | |
| J. V. Spare Dry Goods Co. | 2.30 | |
| Sulpho Napthol Co | 39.00 | |
| Sylvia & Andrews | 1.20 | |
| M. L. Sylvia | 27.15 | |
| George Thomas | 7.85 | |
| Charles H. Tripp | .90 | |
| Wadsworth, Howland & Co. | 9.57 | |
| William R. West | 1.50 | |
| White & Fairchild | 4.60 | |
| Mary C. Wiggins | 1.84 | |
| Henry P. Willis | 3.47 | |
| Wood, Brightman & Co. | 23.85 | $3,851.33 |
| Miscellaneous : | | |
| John Allcock, labor | 1.30 | |
| Charles R. Allen, disbursements | 10.00 | |
| Edwin Allen, express | 11.80 | |
| Frances H. Allen, services | 10.62 | |
| Almy & Hitch, use of flag | 1.25 | |
| Emma M. Almy, services | 21.00 | |
| Braddock Andress, carting | 2.75 | |
| E. Anthony & Sons, advertising and printing | 58.96 | |

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|---|---|
| E. Anthony & Sons, subscription | 6.00 |
| George Bailey, labor | 16.50 |
| William A. Baker, services | 12.00 |
| J. V. Bancroft, sprinkling | 17.00 |
| Edmund E. Bandoin, services | 35.00 |
| Bausch & Lomb Optical Co., microscopes | 21.00 |
| C. J. Becker, engrossing | 13.95 |
| Harry H. Browne, services | .45 |
| Wilson R. Butler, postage | 7.60 |
| Catholic Union Publishing Co., advertising | 20.00 |
| Louis R. Chadwick, services | 25.00 |
| Charles S. Chapin, lecture | 25.00 |
| Mrs. William Clarke, laundry | 2.97 |
| Samuel H. Cook, boiler insurance | 100.00 |
| William B. Cross, rent of theatre | 77.75 |
| George K. Dammon, services | 12.00 |
| George K. Dammon, disbursements | 4.50 |
| S. Agnes Donham, disbursements | 4.69 |
| George K. Dammon, laundry | 2.52 |
| F. F. Dumas, clock repairs | 2.75 |
| Harriet H. Gilman, use of table | 1.00 |
| Charles A. Gray & Co., freight and carting | 80.90 |
| Mary A. Green, labor | 3.00 |
| William A. Greenough & Co., directories | 8.00 |
| Edward S. Haskell, use of plants | 5.00 |
| Hatch & Co., express | 22.80 |
| William E. Hatch, disbursements | 31.65 |
| John C. Haynes & Co., pitch pipes | 7.20 |
| Ida M. Holmans, laundry | 5.61 |
| H. A. Jahn, use of plants | 8.00 |
| William A. Jennings, carting | 468.63 |
| Clarence E. Jones, music | 18.00 |
| William L. Kelley, clock repairs | 2.50 |
| William Lewis, labor | 4.50 |
| L'Independent Publishing Co., advertising | 22 50 |
| Andrew J. Lloyd & Co., microscopes | 246.00 |
| Mary McAulliffe, laundry | 31.35 |
| James McFarlin, moving | 2.50 |
| Mercury Publishing Co., advertising | 47.51 |
| Mercury Publishing Co., subscription | 6.00 |
| Mary E. Morton, transportation | 15.45 |
| The Neostyle Co., apparatus | 49.00 |
| N. B. Co-operative Express Co., express | 17.75 |

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|---|---|---|
| N. B. Gas & Edison Light Co., lighting | 1,258.61 | |
| N. B. Product Co., services | 18.33 | |
| N. B. Steam Carpet Beating Est., cleaning carpets | 23.87 | |
| Samuel Obey, labor | 7.20 | |
| Edward M. Peirce, carriage hire | 148.50 | |
| George Peirce, piano rent | 20.00 | |
| William P. Peirce, floral emblem | 15.00 | |
| S. F. Perry & Son, carriage hire | 2.00 | |
| Mary C. Potter, services | 21.00 | |
| Rand, McNally & Co., map | 14.40 | |
| Mortimer Searles, rubber stamps | 12.25 | |
| George W. Shaw, agent, ventilators | 15.75 | |
| Sherman & Perry, carriage hire | 11.50 | |
| John D. Sherman, labor | 6.00 | |
| Smith Premier Typewriter Co., typewriers, etc. | 256.50 | |
| Allen Smith, Jr., carriage hire | 15.00 | |
| Henry Smith, services | 12.00 | |
| So. Mass. Telephone Co., service and tolls | 55.38 | |
| George H. Spooner, transportation | 300.00 | |
| Carl Strauss, pencil sharpeners | 14.00 | |
| D. J. Sullivan, clocks and repairs | 17.75 | |
| Roland J. Sylvia, cleaning | 12.00 | |
| Times Publishing Co., advertising | 15.90 | |
| Union Street Railway Co., car tickets | 94.00 | |
| Urbain Vigneault, ploughing snow | 4.00 | |
| Wamsutta Stables, carriage hire | 3.50 | |
| H. O. White, labor | 8.44 | |
| James M. Whittaker, towel supply | 15.30 | |
| Mary C. Wiggins, labor | 5.10 | |
| Henry Winborne, labor | 7.80 | |
| Isabella S. Witherell, services | 4.00 | |
| John Woolfenden, clock repairs | 4.75 | |
| Robert Woolfenden, towel supply | 21.60 | |
| Mrs. William Woolfenden, laundry | 23.04 | |
| Wyckoff, Seamans & Benedict, typewriter | 125.00 | $4,218.68 |
| | | $58,511.70 |
| To transfer to balance | | 1,488.30 |
| | | 60,000.00 |

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| By appropriation | $60,000.00 |

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## PUBLIC SCHOOLS—PAY OF TEACHERS.

DR.

HIGH SCHOOL.

| | | |
|---|---|---|
| Wilson R. Butler | $2,735.00 | |
| William E. Sargent | 1,700.00 | |
| Charles R. Allen | 1,190.00 | |
| Robert M. Brown | 360.00 | |
| Charles T. Bonney, Jr. | 1,600.00 | |
| Edwin H. Harris | 1,400.00 | |
| Lydia J. Cranston | 943.00 | |
| Elizabeth P Briggs | 900.00 | |
| Mary E. Austin | 390.00 | |
| Lucretia N. Smith | 891.00 | |
| Emma K. Shaw | 870.00 | |
| Helen L. Hadley | 831.00 | |
| Mabel W. Cleveland | 876.00 | |
| Mary C. Wiggin | 867.00 | |
| Henrietta E. Hardy | 616.50 | |
| Katherine M. Crabtree | 560.00 | |
| Lena M. Newcastle | 270.00 | |
| Hannah E. Rollins | 765.00 | |
| Amy C. Rhodes | 300.00 | |
| Adah M. Tasker | 270.00 | |
| Edmond E. Baudoin | 300.00 | $18,634.50 |

GRAMMAR SCHOOLS.

| | | |
|---|---|---|
| Fifth Street: | | |
| Allen F. Wood | $1,900.00 | |
| Lydia A. Macreading | 661.40 | |
| Mary E. Allen | 590.00 | |
| Sarah E. Stoddard | 588.00 | |
| Mary W. Leymunion | 600.00 | |

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|---|---|---|
| Annie C. Hart | 595.00 | |
| Mary A. Kane | 600.00 | |
| Grace L. Carver | 600.00 | |
| Lottie M. Allen | 597.50 | |
| Clara M. Woodward | 80.00 | |
| Helen C. Hervey | 495.00 | |
| Florence M. Ellis | 505.50 | $7,812.40 |
| Middle Street : | | |
| Elwyn G. Campbell | 1,900.00 | |
| Lucy B. Fish | 645.03 | |
| Lucy F. Winchester | 675.40 | |
| Anastasia O'Keefe | 494 00 | |
| Regina M. Paul | 600.00 | |
| Clara S. Vincent | 600.00 | |
| Etta M. Abbott | 600.00 | |
| Helen McCoy | 597.00 | |
| Lizzie E. Omey | 598.50 | |
| Julia C. Gifford | 600.00 | |
| Elizabeth D. Hicks | 563.00 | 7,872.93 |
| Parker Street : | | |
| Arthur F. Gilbert | 1,900.00 | |
| Anna L. Jennings | 166.21 | |
| Mariana N. Richmond | 472.76 | |
| Catherine Haley | 202.50 | |
| Gertrude M. Flanigan | 182.50 | |
| Daisy M. Butts | 600.00 | |
| Belle B. Wheeler | 600.00 | |
| Mary L. Pettey | 597.00 | |
| Emily A. Delano | 590.00 | |
| A. Mabel Drew | 600.00 | |
| Louise E. Hicks | 540.25 | |
| Lila B. Lewis | 600.00 | |
| Lillian T. Thomas | 561.00 | |
| Rose M. Meaney | 586.25 | |
| S. Agnes Holmes | 600.00 | |
| Marie Clifford | 600.00 | |
| Jane E. Conway | 445 25 | 9,843.72 |
| Robert C. Ingraham : | | |
| Alice C. Munsey | 1,900.00 | |
| N. Emma Slack | 643.40 | |

| | | |
|---|---|---|
| Mary A. Macy | 590.00 | |
| Cora B. Cleveland | 600.00 | |
| Elizabeth M. Briggs | 600.00 | |
| Agnes M. James | 598.00 | |
| Grace W. Glines | 330.00 | |
| Mary A. Lee | 180.00 | |
| Annie L. Murkland | 590.00 | |
| Anna H. Bartlett | 600.00 | |
| Helen T. Maxfield | 596.00 | |
| Sarah A. Sawyer | 418.00 | |
| Lila D. Hayne | 418.00 | |
| Martha I. Shaw | 420.00 | |
| Clara E. Sherman | 463.88 | |
| Margaret M. Healey | 134.75 | |
| Elva E. Fellows | 180.00 | |
| Anna E. Van Allen | 180.00 | |
| Margaret E. Balcom | 165.00 | 9,607.03 |
| John H. Clifford: | | |
| Edward B. Gray | 1,895.25 | |
| Emma A. McAfee | 669.00 | |
| Florence M. Ellis | 94.50 | |
| Lizzie A. Nickerson | 600.00 | |
| Emma A. Eaton | 600.00 | |
| Flora M. Corwin | 600.00 | |
| Susan Gifford | 600.00 | |
| Rachel M. Wordell | 600.00 | |
| Louise M. Newhall | 600.00 | |
| Katherine E. Kenyon | 562.25 | |
| Mary G. LaPlante | 180.00 | |

PRIMARY DEPARTMENT.

| | | |
|---|---|---|
| Mary O. Lamb | 550.00 | |
| Mabel F. Alden | 105.00 | 7,656.00 |

PRIMARY SCHOOLS.

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|---|---|---|
| Acushnet Avenue: | | |
| Jane C. Thompson | $525.00 | |
| Sarah E. Kirwin | 225.37 | |
| Nellie A. Walker | 41.25 | |
| Caroline S. Silva | 463.00 | |

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|---|---|---|
| Julia M. Pilling | 550.00 | |
| Lida J. Brightman | 550.00 | |
| Mary C. Barstow | 550.00 | |
| Sylvia W. Paulding | 541.20 | |
| Ella W. Cake | 530.20 | |
| Katherine O'Connell | 555.00 | |
| Eudora K. Barry | 446.25 | |
| Lucie White | 550.00 | |
| Gertrude L. Corish | 370.00 | $5,897.72 |
| I. W. Benjamin : | | |
| Jane E. Gilmore | 806.00 | |
| Nellie W. Davis | 546.80 | |
| Alice A. Taylor | 550.00 | |
| Mary F. Livingston | 550.00 | |
| Emma L. Gartland | 550.00 | |
| Flora A. Pearl | 529.20 | |
| Laura C. McCabe | 550.00 | |
| Sophie T. Anthony | 550.00 | |
| Florence M. Anthony | 542.80 | |
| Cecilia A. Deane | 550.00 | |
| Hannah E. Norton | 546.25 | |
| Ethel Bliss | 496.25 | |
| Anne J. Chase | 446.25 | |
| Elizabeth Landgrebe | 67.20 | 7,280.75 |
| Cedar Grove Street : | | |
| Agnes J. Dunlap | 875.00 | |
| Mary R. Dalton | 550.00 | |
| Florence A. Howland | 385.00 | |
| Kate Sweet | 550.00 | |
| Alice P. Winchester | 547.25 | |
| Gertrude Hawes Poole | 536 25 | |
| Sara Peckham | 549.20 | |
| Harriet A. Taylor | 408.00 | |
| Mary B. Brownell | 548.63 | |
| Grace W. Dillingham | 545.20 | |
| Mary E. Boardman | 546.25 | |
| Minnie H. Smythe | 546.25 | |
| Mary W. Snow | 496 25 | |
| Mary I. McCormick | 481.25 | |
| Ethel E. Clapp | 415.00 | |
| Mary F. Staples | 165.00 | |

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|---|---|---|
| Kindergarten Department. | | |
| Anna Hill | 550.00 | |
| Irene M. Bassett | 543.60 | 9,238.13 |
| Cedar Street. | | |
| Annie G. Brawley | 650.00 | |
| Mabel L. Hathaway | 407.20 | |
| Ruth M. Tripp | 550.00 | |
| Esther W. Paul | 546.45 | |
| Madeline A. Gregg | 550.00 | |
| Kindergarten Department. | | |
| Ada S. Blake | 528.00 | |
| Susan F. Haskins | 413.40 | 3,645.05 |
| Cannonville: | | |
| Adelaide J. McFarlin | 575 00 | |
| Florence A. Poole | 550.00 | 1,125.00 |
| Clark Street: | | |
| Elizabeth P. Spooner | 675.00 | |
| Lucy S. Leach | 550.00 | |
| Isabella Luscomb | 550.00 | |
| Annie S. Ray | 548.40 | |
| Lucia E. Bliss | 550.00 | |
| Harriet J. Thorpe | 546.25 | |
| Mary E. Bumpus | 490.08 | 3,909.73 |
| Dartmouth Street: | | |
| Isadore F. Eldridge | $700.00 | |
| Sarah F. Pratt | 550.00 | |
| Annie F. Smith | 550.00 | |
| Nellie H. Cook | 538.00 | |
| Nellie L. Foster | 550.00 | |
| Carrie W. Bliss | 550.00 | |
| Jeannette B. Fuller | 550.00 | |
| Carolyn S. Jones | 544.50 | 4,532.50 |
| George H. Dunbar: | | |
| M. Eva Schwall | $700.00 | |
| Grace H. Potter | 542.00 | |
| Alice J. Lawrence | 550.00 | |

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|---|---|---|
| Helen G. Malley | 543.14 | |
| Angela F. Bowie | 550.00 | |
| Mary L. Rogers | 84.88 | |
| Mary V. Perry | 550.00 | |
| Jennie A. Murphy | 532.40 | |
| Mary E. Ferrell | 346.00 | 4,398.42 |
| Thomas A. Greene : | | |
| Annie L. Macreading | $722.50 | |
| Eliza H. Sanford | 383.40 | |
| Sarah E. Sears | 543.83 | |
| Caroline E. Bonney | 548.40 | |
| Dora A. DeWolf | 41.25 | |
| Bertha C. Hathaway | 550.00 | |
| Nellie E. Ashley | 550.00 | |
| Louise C. Loughlin | 370.00 | |
| Mary E. Durfee | 356.80 | |
| Mary A. Horan | 104.00 | |
| Kindergarten Department. | | |
| Josephine H. Cobb | $539.12 | |
| Ethel S. Gibbs | 548.40 | 5,257.70 |
| Sylvia Ann Howland : | | |
| Marion H. Swasey | $625.08 | |
| Mary J. Graham | 550.00 | |
| Helen J. Kirk | 550.00 | |
| Ruth A. Wilde | 543.60 | |
| Helen L. Corish | 541.45 | 2,810.13 |
| Horatio A. Kempton : | | |
| Bessie P. Peirce | $648.38 | |
| Edith M. B. Taber | 543.60 | |
| Clara L. Bennett | 547.60 | |
| Alice E. Jenney | 539.05 | |
| Charlotte G. Tourtelotte | 445.13 | |
| Amelia A. Murray | 443.05 | 3,166.81 |
| Merrimac Street : | | |
| Harriet S. Damon | $650.00 | |
| Julia A. Ellis | 546.80 | |
| Addie West | 550.00 | |
| Anna I. Dexter | 361.60 | |

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|---|---|---|
| Margaret T. Kane | 465.00 | |
| Mary F. McIntyre | 440.65 | 3,014.05 |
| Phillips Avenue: | | |
| Carrie E. Footman | $675.40 | |
| Helen I. Boyd | 550.00 | |
| Mary E. Peckham | 545.45 | |
| Edith W. Pratt | 515.00 | |
| Edith A. Austin | 465.00 | |
| Grace B. Gardner | 458.60 | |
| Alice B. Church | 435.00 | 3,644.45 |
| William H. Taylor: | | |
| GRAMMAR DEPARTMENT. | | |
| Mary E. McAuliffe | $699.00 | |
| Vashti M. Crosby | 346.00 | |
| Carrie M. Leavitt | 179.00 | |
| PRIMARY DEPARTMENT. | | |
| Bertha M. Martindale | 383.40 | |
| Adelaide M. Cota | 496.25 | |
| Mary E. Gleason | 496.25 | |
| Elizabeth J. Hurley | 440.65 | |
| Elizabeth C. Carter | 422.05 | |
| Ida M. Pettee | 163.40 | 3,626.00 |
| Thompson Street: | | |
| Sarah E. Kirwin | $490.00 | |
| Sarah A. Winslow | 547.25 | |
| Harriet S. Ashley | 381.25 | |
| Lila D. Hayne | 221.75 | |
| Bessie M. Harwood | 46.40 | |
| Kate W. Chase | 263.60 | |
| Florence A. Howland | 165.00 | |
| Catherine A. McGuinness | 478.75 | |
| Emily W. Davis | 493.75 | |
| Bertha E. Jenney | 486.65 | |
| Mary E. Cunningham | 415.00 | |
| Annie B. Lyon | 55.00 | 4,044.40 |

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|---|---|---|
| Mary B. White: | | |
| Mary E. Pasho | $ .70 | |
| Annie E. Pearce | 592.00 | |
| Clara C. M. Gage | 550.00 | |
| Margaret H. Holmes | 547.25 | |
| Mary E. Goggin | 400.00 | 2,089.95 |

UNGRADED SCHOOLS.

| | | |
|---|---|---|
| South Mill: | | |
| Lucy J. Remington | $608.00 | |
| Ruby M. Tripp | 550.00 | 1,158.00 |
| Acushnet: | | |
| Annie C. Maxfield | $900.00 | |
| Sarah A. Russ | 599.00 | |
| Harriet N. Hyatt | 549.20 | |
| Mary G. LaPlante | 420.00 | |
| Naomi A. Turner | 150.00 | 2,618.20 |
| Plainville: | | |
| Eudora Lawrence | $600.00 | 600.00 |
| North: | | |
| Mary I. Ashley | $600.00 | |
| Eliza H. Cushing | 385.00 | 985.00 |
| Rockdale: | | |
| Addie W. French | $45.00 | |
| Alice P. Terry | 461.00 | |
| Lizzie M. Fisher | 555.00 | 1,061.00 |

HARRINGTON NORMAL AND TRAINING SCHOOL.

| | |
|---|---|
| Cora A. Newton | $1,700.00 |
| Mary E. Trask | 1,100.00 |
| Carolyn D. Wood | 1,200.00 |
| Kate Moore | 641.50 |
| Grace W. Russell | 589.70 |
| Madeline Gile | 615.00 |
| Mary J. Read | 586.30 |
| Hattie L. Shafter | 477.50 |

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|---|---|---|
| May Johnson | 476.70 | |
| S. Ruth Cook | 107.60 | |
| Gertrude L. Corish | 12.00 | |
| Mary E. Durfee | 12.00 | |
| Edith Ferrell | 12.00 | |
| Mary A. Horan | 11.20 | |
| Louise C. Loughlin | 24.00 | |
| Bessie M. Noland | 12.00 | |
| Phebie E. Baker | 94.00 | |
| Emma G. Casey | 113.20 | |
| Annie B. Gidley | 137.60 | |
| Bessie M. Harwood | 117.20 | |
| Lucy W. Howland | 121.20 | |
| Carrie J. Hunt | 116.80 | |
| Annie R. Keith | 142.40 | |
| Laura M. King | 140.00 | |
| Alice G. Lloyd | 130.00 | |
| Florence E. Moore | 90.40 | |
| Ethel M. Rogers | 119.20 | |
| Frances A. Sequeira | 132.40 | |
| Carolyn B. Sylvia | 135.60 | |
| Anna C. Rogers | 98.80 | 9,266.30 |

SPECIAL TEACHERS.

| | | |
|---|---|---|
| F. H. Butterfield | $1,900.00 | |
| Mary W. Gilbert | 37.50 | |
| Lucy C. Bedlow | 1,110.00 | |
| Lena M. Willis | 596.00 | |
| Gertrude H. Leonard | 515.00 | |
| Harriet S. Phillips | 523.69 | |
| Dora D. Parker | 212.50 | |
| Edwin R. King | 1,600.00 | |
| S. Agnes Donham | 800.00 | |
| Lois A. Leonard | 585.00 | 7,879.69 |

EVENING HIGH SCHOOL.

| | | |
|---|---|---|
| William E. Sargent | $280.00 | |
| Charles R. Allen | 185.50 | |
| Edwin H. Harris | 185.50 | |
| Charles T. Bonney, Jr. | 185.50 | |
| Clara E. Sherman | 106.00 | |
| Marie Schwartz | 106.00 | |
| Isabel S. Horr | 53.00 | 1,101.50 |

## EVENING DRAWING SCHOOL.

| | | |
|---|---|---|
| George H. Nye | $193.50 | |
| Katharine M. Crabtree | 75.00 | |
| Lena M. Newcastle | 45.00 | |
| Fred M. Reed | 129.00 | |
| Oliver H. Gardner | 129.00 | 571.50 |

## EVENING ELEMENTARY SCHOOLS.

| | |
|---|---|
| John H. Clifford: | |
| Edward B. Gray | $148.75 |
| Carolyn S. Jones | 54.00 |
| Mellie G. Harding | 1.50 |
| Mary T. Gibbons | 24.00 |
| Sylvia W. Paulding | 49.50 |
| Abby R. Johnson | 30.00 |
| Edith A. Austin | 21.00 |
| Mary R. Hinckley | 25.50 |
| Florence A. Howland | 22.50 |
| Alice Kelleher | 54.00 |
| Elizabeth A. Dunn | 54.00 |
| Dora DeW. Denby | 27.00 |
| Gertrude L. Corish | 21.00 |
| Amelia A. Murray | 54.00 |
| Gillian M. Barnes | 51.00 |
| Susan Gifford | 54.00 |
| Catherine A. McGuinness | 54.00 |
| Mary E. Gleason | 52.50 |
| Mary E. Herlihy | 24.00 |
| Katherine E. Kenyon | 52.50 |
| Annie B. Lyon | 3.00 |
| Annie B. Gidley | 10.50 |
| Mary G. LaPlante | 24.00 |
| Lizzie M. Fisher | 49.50 |
| Edith W. Pratt | 6.00 |
| Jennie T. Bolles | 54.00 |
| Jane W. Stetson | 28.50 |
| Mary I. McCormick | 21.00 |
| Carrie J. Hunt | 30.00 |
| Sarah F. Pratt | 18.00 |
| Elsa P. Bates | 4.50 |

| | | |
|---|---|---|
| Rachel M. Wordell | 33.75 | |
| Susan D. Hinds | 21.00 | |
| Mary E. Mosher | 3.00 | 1,181.50 |
| Fifth Street: | | |
| Elwyn G. Campbell | $145.25 | |
| Helen McCoy | 62.25 | |
| Clara S. Vincent | 30 00 | |
| Nellie H. Cook | 21.00 | |
| Julia C. Gifford | 54.00 | |
| Etta M. Abbott | 54.00 | |
| Sarah E. Stoddard | 31.50 | |
| Ruth M. Tripp | 54.00 | |
| Sara Peckham | 54.00 | |
| Kate Moore | 54.00 | |
| Julia M. Pilling | 54.00 | |
| Jennie E. Fuller | 54.00 | |
| Caroline E. Bonney | 54.00 | |
| Mary R. Dalton | 54.00 | |
| Florence A. Howland | 30.00 | |
| Mary E. Cunningham | 54.00 | |
| Florence E. Moore | 24.00 | |
| Annie C. Hart | 24.00 | 908.00 |
| Parker Street: | | |
| Mary A. Kane | $126.00 | |
| Regina M. Paul | 54.00 | |
| Rose M. Meaney | 54.00 | |
| Sara L. Tallman | 54.00 | |
| Harriet J. Thorpe | 54.00 | |
| Hannah E. Norton | 30.00 | |
| Edith A. Austin | 3.00 | |
| Helen L. Corish | 6.00 | |
| Mary I. McCormick | 3.00 | |
| Harriet A. Taylor | 30.00 | |
| Margaret Holmes | 54.00 | |
| Ruby M. Tripp | 54.00 | |
| Mary F. McIntyre | 54.00 | |
| Minnie H. Smythe | 54.00 | |
| Lucia E. Bliss | 21.00 | |
| Lizzie E. Frazier | 24.00 | |
| Gertrude L. Corish | 27.00 | 702.00 |

| | | |
|---|---|---|
| Robert C. Ingraham : | | |
| Joseph P. Kennedy | $148.75 | |
| Marie Clifford | 21.00 | |
| Janet Hunter | 31.50 | |
| Kate K. Whelden | 54.00 | |
| Emma L. Gartland | 63.75 | |
| Annie F. Smith | 54.00 | |
| Helen G. Malley | 54.00 | |
| Alice A. Taylor | 30.00 | |
| Ethel Pollard | 22.50 | |
| Grace B. Gardner | 24.00 | |
| Mary L. Rogers | 9.00 | |
| Mary F. Livingston | 25.50 | |
| Mary V. Perry | 52.50 | |
| Cecilia A. Deane | 52.50 | |
| Mary E. Holden | 54.00 | |
| Mary E. Goggin | 54.00 | |
| Mary E. Bumpus | 52.50 | |
| James F. Briggs | 30.00 | |
| Esther L. Karcher | 24.00 | |
| Sarah A. Winslow | 7.50 | |
| Raul M. Perry | 1.50 | |
| Mary E. Ferrell | 1.50 | |
| Mary B. Jason | 24.00 | |
| Nellie H. Cook | 30.00 | |
| Anna R. Keith | 24.00 | |
| Marguerite Gibson | 9.00 | |
| Rose M. Perry | 15.00 | |
| Helen F. Murphy | 24.00 | |
| Mary A. Horan | 30.00 | |
| Ida M. Healey | 24.00 | |
| John J. Sylvia | 64.00 | 1,112 00 |
| Phillips Avenue : | | |
| Eliza G. M. Jenney | $108.00 | |
| Nellie L. Foster | 54.00 | |
| Mary G. LaPlante | 30.00 | |
| Sarah E. Howard | 24.00 | |
| Helen T. Maxfield | 51.00 | |
| Sarah A. Russ | 54.00 | |
| Annie C. Maxfield | 24.00 | |
| Ada S. Blake | 6.00 | 351.00 |

SUBSTITUTES.

| | | |
|---|---|---|
| Harriet S. Ashley | $8.00 | |
| Helen C. Allen | 30.00 | |
| Phebie E. Baker | 8.80 | |
| Annie L. Brownell | 14.65 | |
| Joseph P. Cady | 30.00 | |
| S. Ruth Cook | 4.80 | |
| Emma G. Casey | 61.60 | |
| Mary E. Durfee | 24.00 | |
| Frederick T. Farnsworth | 21.00 | |
| Mary E. Ferrell | .80 | |
| Annie B. Gidley | 12.80 | |
| Evelyn Hunt | 210.00 | |
| Janet Hunter | 425 25 | |
| Carrie J. Hunt | 60.00 | |
| Mary A. Horan | 146.40 | |
| Lucy W. Howland | 47.20 | |
| Bessie M. Harwood | 7.20 | |
| S. Agnes Holmes | 10.00 | |
| Laura M. King | 6.40 | |
| Annie R. Keith | 6.40 | |
| Mary A. Livesey | 292.50 | |
| Alice G. Lloyd | 30.40 | |
| Florence E. Moore | 109.60 | |
| Bessie M. Noland | 297.50 | |
| Mary E. Poole | 180.00 | |
| Ethel M. Rogers | 44.40 | |
| Anna C. Rogers | 24.00 | |
| Maria S. Read | 19.20 | |
| Lydia M. Sargent | 99.00 | |
| Carolyn B. Sylvia | 31.80 | |
| Frances A. Sequeira | 34.80 | |
| Sara L. Tallman | 4.80 | |
| Ethel Williams | 60.00 | |
| Nellie A. Walker | 165.00 | |
| Louise Whiting | 4.00 | 2,531.90 |
| | | $161,134.51 |
| To transfer to balance | | 4,865.49 |
| | | $166,000.00 |

CR.

| | | |
|---|---|---|
| By appropriation | $83,000.00 | |
| By special appropriation | 83,000.00 | $166,000.00 |

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## PUBLIC SCHOOLS, REPAIRS OF BUILDINGS.

DR.

| | | |
|---|---|---|
| Acushnet: | | |
| Frank C. Bennett | $157.49 | |
| C. F. Chase | 120.38 | |
| George W. Dexter | 2.75 | |
| C. L. Dunham | 15.50 | |
| Thomas Hersom & Co. | 8.80 | |
| Kern & Wright | 7.60 | |
| John F. Parker | 9.00 | |
| A. W. Perkins & Co. | 20.20 | |
| F. E. Washburn | 2.00 | |
| Herbert L. Weeks | 641.10 | |
| William R. West | 9.72 | $994.54 |
| Acushnet Avenue: | | |
| Babbitt, Wood & Co. | $17.20 | |
| Michael Goggin | 29.10 | |
| John J. Meaney | 69.38 | |
| T. J. Moriarty | 55.85 | |
| William H. Nelson | 14.25 | |
| John V. O'Neil | 215.53 | |
| E. F. Penney | .40 | |
| James H. Warren | 90.00 | |
| J. W. Welch | 18.45 | 510.16 |
| I. W. Benjamin: | | |
| Highways and srreets | $19.86 | |
| Joseph S. Lewis, Jr. | 50.60 | |
| T. J. Moriarty | 2.85 | |

| | | |
|---|---|---|
| N. B. Water Works | 10.53 | |
| E. F. Penney | 33.37 | |
| Abram L. Teachman | 9.51 | |
| James H. Warren | 150.00 | |
| Wood, Brightman & Co. | 12.10 | 288.82 |
| Cannonville : | | |
| Frank B. Sistare | $14.18 | 14.18 |
| Cedar Street : | | |
| P. Black | $5.67 | |
| John H. Ennis | 57.50 | |
| N. B. Boiler & Machine Co. | 10.71 | |
| E. A. Remington | 28.13 | |
| John H. Ryan | 10.95 | |
| Frank B. Sistare | 20.88 | |
| James T. Tinkham | 7.96 | 141.80 |
| Cedar Grove Street : | | |
| A. Bolduc | $3.10 | |
| William D. Cotter | 23.50 | |
| W. F. Desmond | .75 | |
| C. L. Dunham | 113.80 | |
| L. Lloyd | 34.75 | |
| F. O. Pollock | 2.25 | |
| John B. Sullivan & Son | 132.61 | |
| Louis Therrien | 28.59 | |
| William R. West | 47.96 | 387.31 |
| Clark Street : | | |
| C. L. Dunham | $86.28 | |
| N. B. Boiler & Machine Co. | 23.74 | |
| William R. West | 174.28 | 284.30 |
| J. H. Clifford : | | |
| George A. Bosworth | 15.33 | |
| W. F. Desmond | 1.00 | |
| C. L. Dunham | 10.81 | |
| Highways and streets | 52.33 | |
| T. J. Moriarty | 6.37 | |
| N. B. Boiler & Machine Co. | 26.50 | |
| Charles E. Peirce | 5.45 | |
| William R. West | 283.13 | |
| James Wilkinson | 1.50 | 402.42 |

| | | |
|---|---|---|
| Dartmouth Street: | | |
| John J. Meaney | $377.26 | |
| T. J. Moriarty | 2.74 | |
| William H. Nelson | 23.85 | |
| John V. O'Neil | 134.44 | |
| D. Poirier | 71.24 | 609.53 |
| G. H. Dunbar: | | |
| William S. Brown | $12.00 | |
| D. L. Hathaway & Son | 4.35 | |
| Highways and streets | 5.39 | |
| Kern & Wright | 2.25 | |
| N. B. Boiler & Machine Co. | 110.91 | |
| John V. O'Neil | 1.76 | |
| Charles Thompson | 40.14 | |
| Joseph C. Warren | 7.00 | |
| Wood, Brightman & Co. | 1.70 | 185.50 |
| Fifth Street: | | |
| Chace & Hirst | $31.90 | |
| Jenney & Buffington | 60.58 | |
| T. J. Moriarty | 193.21 | |
| E. F. Penney | 1.20 | 286.89 |
| Thomas A. Greene: | | |
| Babbitt, Wood & Co. | $6.00 | |
| C. W. Chace & Co. | 4.45 | |
| Jenney & Buffington | 55.76 | |
| T. J. Moriarity | 5.16 | |
| E. F. Penney | 42·48 | |
| R. A. Sherman & Son | 27.30 | |
| Wood, Brightman & Co. | 2.75 | $143.90 |
| Harrington Memorial: | | |
| Babbitt, Wood & Co. | 56.80 | |
| D. L. Hathaway & Son | 268.28 | |
| Kern & Wright | 19.40 | |
| N. B. Boiler & Machine Co. | 2.33 | |
| N. B. Gas & Edison Light Co. | 2.00 | |
| Antone Perry | 13.10 | |
| Abram L. Teachman | 26.10 | |
| James H. Warren | 75.00 | |
| William R. West | 4.00 | |
| Wood, Brightman & Co | 263.02 | 730.11 |

| | | |
|---|---|---|
| High : | | |
| William S. Brown | 29.00 | |
| T. W. Chace & Co. | 3.55 | |
| M. S. Greene | 37.19 | |
| Joseph S. Lewis, Jr. | 24.81 | |
| William Lowe | 12.50 | |
| T. J. Moriarty | 5.60 | |
| John V. O'Neil | 27.77 | |
| George A. Wood | 11.45 | |
| Wood, Brightman & Co. | 1.58 | 153.45 |
| Sylvia Ann Howland : | | |
| T. W. Chace & Co. | 15.51 | |
| Charles F. Chase | 48.30 | |
| T. J. Moriarty | 11.12 | |
| Charles E. Peirce | 24.40 | |
| William H. Rankin | 6.50 | |
| W. F. Sturtevant | 18.05 | |
| Herbert L. Weeks | 18.00 | 141.88 |
| R. C. Ingraham : | | |
| Fichtenmayer & Flynn | $3.21 | |
| James Gordon | 4.35 | |
| Highways and streets | 2.02 | |
| John J. Meaney | 17.22 | |
| T. J. Moriarty | 136.57 | |
| N. B. Water Works | 3.93 | |
| John V. O'Neil | 153.96 | |
| Joseph L. Sylvia | 34.70 | |
| William R. West | 1.50 | 357.46 |
| H. A. Kempton : | | |
| Babbitt, Wood & Co. | $12.18 | |
| Blossom Brothers | 18.38 | |
| Charles F. Chase | 7.87 | |
| E. R. Hathaway | 4.75 | |
| Highways and streets | 42.70 | |
| Charles E. Peirce | 4 50 | |
| R. A. Sherman & Son | 35.47 | |
| Herbert L. Weeks | 3.50 | |
| J. W. Welch | 14.10 | |
| C. F. Wing | 13.33 | 156.78 |

| | | |
|---|---|---|
| Linden Street: | | |
| C. L. Dunham | $31.15 | |
| B. S. Shaw | 16.13 | |
| William R. West | 12.51 | |
| William Wright | 22.55 | 82.34 |
| Merrimac Street: | | |
| J. E. Dionne | 18.64 | |
| C. L. Dunham | 8.94 | |
| William R. West | 1.00 | 28.58 |
| Middle Street: | | |
| Fred M. Hammer | 25.60 | |
| D. L. Hathaway & Son | 5.65 | |
| Kern & Wright | 10.49 | |
| Slocum & Kilburn | 1.50 | |
| Wood, Brightman & Co. | 28.48 | 71.72 |
| North: | | |
| George A. Cobb | 2.50 | |
| George W. Dexter | 2.75 | |
| H. G. Lawrence | 2.20 | |
| E. F. Morton | 11.00 | 18.45 |
| Parker Street. | | |
| George A. Bosworth | 19.64 | |
| Antone Perry | 14.81 | |
| William R. West | 4.93 | 39.38 |
| Plainville: | | |
| Philip S. Hatch | 3.00 | 3.00 |
| Phillips Avenue: | | |
| William S. Brown | 11.00 | |
| J. E. Dionne | 57.50 | |
| C. L. Dunham | 2.79 | |
| General sewers | 8.53 | |
| Slocum & Kilburn | 1.65 | 81.47 |
| Rockdale: | | |
| T. W. Chace & Co. | 8.19 | 8.19 |

| | | |
|---|---|---|
| School Committee: | | |
| George K. Dammon | $2.50 | |
| Thomas Hersom & Co. | 1.50 | |
| John J. Meaney | 50.35 | |
| John V. O'Neil | 107.31 | 161.66 |
| W. H. Taylor: | | |
| John J. Meaney | $19.08 | |
| T. J. Moriarty | 40.07 | |
| Edward Murphy | 367.13 | |
| N. B. Boiler & Machine Co. | 10.45 | |
| John V. O'Neil | 6.69 | |
| James H. Warren | 85.00 | 528.42 |
| Thompson Street: | | |
| M. A. Hickey | $43.28 | |
| John J. Meaney | 10.23 | |
| T. J. Moriarty | 25.47 | |
| John V. O'Neil | 102.45 | |
| James H. Warren | 75.00 | 256.43 |
| Mary B. White: | | |
| P. Black | $4.03 | |
| J. W. Clifton | 6.63 | |
| W. F. Desmond | 2.25 | |
| C. L. Dunham | 73.66 | |
| John H. Ennis | .75 | |
| E. F. Morton | 42.85 | |
| William R. West | 11 50 | 141.67 |
| | | $7,210.34 |
| To transfer to balance | | 789.66 |
| | | $8,000.00 |

CR.

| | |
|---|---|
| By appropriation | $8,000.00 |

## REAL ESTATE TAX ACCOUNT.

Dr.

| | |
|---|---|
| December 2, 1901. To balance | $293.03 |

Cr.

| | | |
|---|---|---|
| Receipts as per Treasurer's reports | $95.62 | |
| December 1, 1902. Balance | 197.41 | $293.03 |

Dr.

| | |
|---|---|
| December 1, 1902. To balance | $197.41 |

## SALARIES.

Dr.

| | | |
|---|---|---|
| Charles S. Ashley, Mayor | $3000.00 | |
| James H. Hathaway, City Treasurer and Collector of Taxes | 3000.00 | |
| Daniel B. Leonard, City Clerk | 2,600.00 | |
| William S. Cook, Assistant City Clerk | 567.83 | |
| Charles J. McGurk, City Auditor | 1,600.00 | |
| Benjamin B. Barney, City Solicitor | 1,500.00 | |
| William E. Brownell, City Physician | 550.00 | |
| Augustus D. Piper, City Messenger | 850.00 | |
| Cornelius A. Webb, City Bell Ringer | 125.00 | |
| John N. O'Brien, Sealer of Weights and Measures | 800.00 | |
| Walter H. B. Remington, Clerk of Common Council | 300.00 | |
| William B. Wood, Superintendent of City Clock | 75.00 | |
| Charles H. Cragen, Harbor Master | 300.00 | |
| Edmund O'Keefe, Inspector of Buildings | 1,800.00 | |
| Daniel C. Ashley, Inspector of Animals, Milk, and Provisions | 1,200.00 | |
| Daniel D. Briggs, Supervisor of Wires, | 300.00 | 18,567.83 |

| | | |
|---|---|---|
| Board of Aldermen : | | |
| Henry P. Jenney | 100.00 | |
| Louis Z. Normandin | 100.00 | |
| Charles H. Brownell | 100.00 | |
| Charles H. Lawton | 8.33 | |
| William E. Smith | 91.67 | |
| George H. Hedge | 100.00 | |
| Charles E. Ellis | 8.33 | |
| Andrew P. Doyle | 91.67 | 600.00 |
| Board of Assessors : | | |
| Thomas F. Healy | $1,400.00 | |
| William F. Bannon | 1,100.00 | |
| Horace Wood | 1,100.00 | 3,600.00 |
| Board of Health : | | |
| William G. Kirschbaum | $500.00 | |
| John T. Bullard | 500.00 | |
| Manuel V. Sylvia | 500.00 | 1,500.00 |
| Board of Registrars : | | |
| Charles T. Luce | $365.00 | |
| Willard N. Lane | 365.00 | |
| Emanuel Sullavou | 365.00 | |
| Daniel B. Leonard | 300.00 | 1,395.00 |
| License Commission : | | |
| Frank M. Sparrow | $300.00 | |
| Stephen D. Peirce | 300.00 | |
| John O'Neil | 300.00 | 900.00 |
| | | $26,562.83 |

Cr.

| | | |
|---|---|---|
| By appropriation | $26,095.00 | |
| By transfer from unappropriated funds | 467.83 | $26,562.83 |

## SCHOOLHOUSE, BLACKMER STREET.

Dr.

| | |
|---|---|
| Benson & Bullman, contractors, extra work | $6,805.33 |

Cr.

| | |
|---|---|
| By transfer from unappropriated funds | $6,805.33 |

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## SCHOOLHOUSE, BLACKMER STREET, HEATING AND VENTILATING.

Dr.

| | | |
|---|---|---|
| A. A. Sanborn, contractor | $500.00 | |
| December 1, 1902. To balance | 500.00 | $1,000.00 |

Cr.

| | |
|---|---|
| December 2, 1901. By balance | $1,000.00 |

Cr.

| | |
|---|---|
| December 1, 1902. By balance | $500.00 |

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## SCHOOLHOUSE, COGGESHALL STREET.

Dr.

| | |
|---|---|
| John B. Sullivan & Son, contractors, extra work | $8,540.76 |

Cr.

| | |
|---|---|
| By transfer from unappropriated funds | $8,540.76 |

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## SCHOOLHOUSE, COGGESHALL STREET, HEATING AND VENTILATING.

Dr.

| | | |
|---|---|---|
| A. A. Sanborn, contractor | $500.00 | |
| December 1, 1902. To balance | 500.00 | $1,000.00 |

Cr.

| | |
|---|---|
| December 2, 1901. By balance | $1,000.00 |

Cr.

| | |
|---|---|
| December 1, 1902. Balance | 500.00 |

## SCHOOLHOUSE, SHAWMUT AVENUE.

Dr.

| | |
|---|---|
| John B. Sullivan & Son, contractors, extra work | $4,483.83 |

Cr.

| | |
|---|---|
| By transfer from unappropriated funds | $4,483.83 |

## SCHOOLHOUSE, SHAWMUT AVENUE, HEATING AND VENTILATING.

Dr.

| | |
|---|---|
| Walworth Construction & Supply Co., contractors | $1,048.00 |

Cr.

| | |
|---|---|
| December 2, 1901. By balance | $1,048.00 |

## SCHOOLHOUSE, SHAWMUT AVENUE, CURBING, GRADING AND SODDING.

Dr.

| | |
|---|---|
| John B. Sullivan & Son, contractors, | $6,041.00 |

Cr.

| | |
|---|---|
| By special appropriation | $6,041.00 |

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## SCHOOLHOUSE LOT, MORGAN ESTATE.

Dr.

| | | |
|---|---|---|
| Elizabeth R. Hussey | $60,000.00 | |
| To transfer to balance | 1.00 | $60,001.00 |

Cr.

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|---|---|
| By special appropriation | $60,001.00 |

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## SEWERS, GENERAL ACCOUNT.

Dr.

| | | |
|---|---|---|
| Pay rolls | | $11,235.50 |
| E. Anthony & Sons, advertising | $1.50 | |
| Babbitt, Wood & Co., boiler repairs | 13.83 | |
| Bliss & Nye, brushes | .70 | |
| Lorenzo Burge, Hayes & Co., boiler insurance | 100.00 | |
| Cornelius Callahan Co., hose and expanders | 425.00 | |
| Chapman Valve Mfg. Co., repairs | 6.20 | |
| A. E. Coffin Press, printed postals | 7.00 | |
| DeWolf & Vincent, tools | 16.17 | |
| George A. Eggers, explosives | 258.86 | |
| Edson Mfg. Co., clamps and sockets | 7.82 | |
| Edson Mfg. Co., hose and couplings | 64.50 | |
| Fairhaven Iron Foundry Co., castings | 449.67 | |
| Fire department, hose | 16.00 | |
| James B Hamlin, plank | 57.48 | |
| T. M. Hart & Co., canvas | 40.58 | |
| H. H. Harvey, drills | 73.50 | |
| Hatch & Co., express | 2.15 | |
| George E. Hatch, cans | 8.52 | |
| W. E. Hathaway, bags | .60 | |

| | | |
|---|---|---|
| Highways and streets, janitor service | 58.18 | |
| Highways and streets, office expenses | 400.74 | |
| Highways and streets, registration clerk | 69.74 | |
| Highways and streets, stock, labor and teaming | 2940.59 | |
| Ingersoll, Sergeant Drill Co., valve buffers | .90 | |
| Charles F. Lawton, supt., travelling expenses | 8.70 | |
| Milton H. Leonard, M. D., services | 43.00 | |
| S. C. Lowe, tools | 149.75 | |
| S. C. Lowe Supply Co., tools | 20.25 | |
| Mercury Publishing Co., advertising | 1.59 | |
| N. B. Cordage Co., rope | 16.02 | |
| N. B. Water Works, water for flushing | 45.00 | |
| N. Y., N. H. & H. R. R. Co., freight | 2.42 | |
| S. S. Paine & Brother, brick, cement, flag and pipe | 4,572.30 | |
| Charles S. Paisler, brick and pipe | 2,187.52 | |
| A. W. Perkins & Co., truck hire | 2.00 | |
| Perrin, Seamans & Co., braces | 40.80 | |
| J. C. da S. Pitta, M. D., services | 14.00 | |
| C. G. & G. A. Randall, lumber | 126.70 | |
| W. H. Rankin, pump repairs | 29.15 | |
| Slocum & Kilburn, packing | 1.10 | |
| So. Mass. Telephone Co., tolls | .65 | |
| Job Sweet, services | 56.00 | |
| Frank S. Tripp, labor | 2.10 | |
| Welsbach Street Lighting Co., damages | 2.75 | |
| Wood, Brightman & Co., rings and screws | 29.09 | |
| Wood, Brightman & Co., hose | 30.00 | 12,401.12 |
| | | $23,636.62 |
| To transfer to balance | | 5,209.36 |
| | | $28,845.98 |

Cr.

| | | |
|---|---|---|
| By appropriation | $12,000.00 | |
| By special appropriation | 5,000.00 | |
| Receipts as per Treasurer's reports | 11,845.98 | $28,845.98 |

## SEWER, BAY AND DARTMOUTH STREETS, TO ORCHARD STREET.

DR.

| | | |
|---|---|---|
| Pay rolls | | $202.71 |
| General sewers | $79.86 | |
| Highways and streets | 17.18 | 97.04 |
| | | $299.75 |
| December 1, 1902. To balance | | 200.25 |
| | | $500.00 |

CR.

| | |
|---|---|
| By special appropriation | $500.00 |

CR.

| | |
|---|---|
| December 1, 1902. Balance | $200.25 |

---

## SEWER, BRIGGS STREET, FROM RIVET STREET TO THOMPSON STREET.

DR.

| | | |
|---|---|---|
| Pay rolls | | $262.81 |
| General sewers | $117.69 | |
| Highways and streets | 63.68 | 181.37 |
| | | $444.18 |
| To transfer, sewer Liberty street | $84.02 | |
| " " " Weld " | 171.80 | 255.82 |
| | | $700.00 |

CR.

| | |
|---|---|
| By transfer from unappropriated funds | $700.00 |

## SEWER, CHEPACHET STREET, FROM KEMPTON STREET TO COURT STREET TO CONNECT WITH SEWER IN PALMER STREET.

Cr.

| | |
|---|---|
| By special appropriation | $3,599 00 |

Cr.

| | |
|---|---|
| December 1, 1902. Balance | $3,599 00 |

---

## SEWER, CLEVELAND STREET, FROM RUTH STREET TO DAVID STREET.

Dr.

| | | |
|---|---|---|
| Pay rolls | | $449.75 |
| General sewers | $214.96 | |
| Highways and streets | 22.95 | |
| C. G. & G. A. Randall | 20.16 | 258.07 |
| | | 707.82 |
| December 1, 1902. To balance | | 92.18 |
| | | $800.00 |

Cr.

| | |
|---|---|
| By special appropriation | 800.00 |

Cr.

| | |
|---|---|
| December 1, 1902. Balance | $92.18 |

---

## SEWER, DAVIS STREET, EAST OF BOWDITCH STREET TO CHURCH STREET.

DR.

| | | |
|---|---|---|
| Pay rolls | | $1,672.05 |
| David Duff & Son | $12 81 | |
| General sewers | 392.94 | |
| Highways and streets | 248.83 | |
| N. B. Water Works | 2.39 | |
| S. S. Paine & Brother | 10.80 | 667 77 |
| | | $2,339.82 |
| To transfer to balance | | 660.18 |
| | | $3,000.00 |

CR.

| | |
|---|---|
| By special appropriations | $3,000.00 |

## SEWER, HEMLOCK STREET, FROM THOMPSON STREET SOUTH, No. 1.

DR.

| | | |
|---|---|---|
| Pay rolls | | $206.79 |
| General sewers | $98.69 | |
| Highways and streets | 23.69 | 122.38 |
| | | $329.17 |
| To transfer to sewer, Liberty street | | 120.83 |
| | | $450.00 |

CR.

| | |
|---|---|
| By transfer from unappropriated funds | $450.00 |

## SEWER, HEMLOCK STREET, NORTH OF THOMPSON STREET, NO 2.

### Dr.

| | | |
|---|---|---|
| Pay rolls | | 167.81 |
| General sewers | $44.11 | |
| Highways and streets | 15.97 | |
| S. S. Paine & Brother | 32.40 | 92.48 |
| | | 260.29 |
| To transfer to balance | | 39.71 |
| | | $300.00 |

### Cr.

| | |
|---|---|
| By special appropriation | $300.00 |

## SEWER, LIBERTY STREET.

### Dr.

| | | |
|---|---|---|
| Pay rolls | | $1,491.41 |
| General sewers | $895.11 | |
| Highways and streets | 269.78 | |
| S. S. Paine & Brother | 256.00 | |
| C. G. & G. A. Randall | 155.23 | 1,576.12 |
| | | 3,067.53 |

### Cr.

| | | |
|---|---|---|
| December 2, 1901. By balance | $2,200.00 | |
| By transfer from sewer, Briggs street | 84.02 | |
| By transfer from sewer, Hemlock street, No. 1 | 120.83 | |
| By transfer from sewer, Peckham street | 235.16 | |
| By transfer from sewer, Phillips avenue, No. 1 | 99.43 | |
| By transfer from sewer, Tinkham street | 328.09 | $3,067.53 |

## SEWER, NORTH STREET, FROM FLORENCE STREET TO BEACH STREET.

DR.

| | | |
|---|---|---|
| Pay rolls | | $554.97 |
| General sewers | 212.58 | |
| Highways and streets | 41.75 | 254.33 |
| | | $809.30 |
| To transfer to balance | | 290.70 |
| | | $1,100.00 |

CR.

| | |
|---|---|
| By special appropriation | $1,100.00 |

## SEWER, PECKHAM STREET, FROM REYNOLDS STREET TO MYRTLE STREET.

DR.

| | | |
|---|---|---|
| Pay rolls | | $556.19 |
| General sewers | $169.52 | |
| Highways and streets | 39.13 | 208.65 |
| | | $764.84 |
| To transfer to sewer, Liberty street | | 235.16 |
| | | $1,000.00 |

CR.

| | |
|---|---|
| By special appropriation | $1,000.00 |

## SEWER, PHILLIPS AVENUE, ACUSHNET AVENUE TO BELLEVILLE AVENUE, NO. 1.

DR.

| | | |
|---|---|---|
| Pay rolls | | $3,107.08 |
| General sewers | 810.58 | |
| F. Hamel | 1 60 | |
| Highways and streets | 190.72 | |
| C. G. & G. A. Randall | 130.40 | 1,133.30 |
| | | 4,240.38 |
| To transfer to sewer Liberty Street | 99.43 | |
| To transfer, to balance | 1,060.19 | 1,159.62 |
| | | 5,400.00 |

CR.

| | |
|---|---|
| By special appropriation | $5,400.00 |

---

## SEWER, PHILLIPS AVENUE, FROM BOWDITCH STREET WESTERLY, NO. 2.

DR.

| | |
|---|---|
| To transfer to balance | $1,000.00 |

CR.

| | |
|---|---|
| By special appropriation | $1000.00 |

---

## SEWER, RUTH STREET, BETWEEN CLEVELAND STREET AND EAST FRENCH AVENUE.

DR.

| | | |
|---|---|---|
| Pay rolls | | $626.29 |
| General sewers | $357.89 | |
| Highways and streets | 52.43 | |
| C. G. & G. A. Randall | 20.40 | 430.72 |
| | | $1,057.01 |
| To transfer to balance | | 142.99 |
| | | $1,200.00 |

CR.

| | |
|---|---|
| By special appropriation | $1,200.00 |

## SEWER, TINKHAM AND FRONT STREETS, HATHAWAY STREET TO ACUSHNET AVENUE.

DR.

| | | |
|---|---|---|
| Pay rolls | | $683.95 |
| Bertha F. Carl, M. D. | $2.00 | |
| General sewers | 146.26 | |
| Highways and streets | 39.70 | 187.96 |
| | | $871.91 |
| To transfer to sewer, Liberty street | | 328.09 |
| | | $1,200.00 |

CR.

| | |
|---|---|
| By special appropriation | $1,200.00 |

## SEWER, TRINITY STREET, BETWEEN BULLOCK STREET AND SHAWMUT AVENUE.

Dr.

| | | |
|---|---|---|
| Pay rolls | | $352.00 |
| General sewers | $153.66 | |
| Highways and streets | 46.00 | 199.66 |
| | | 551.66 |
| To transfer to balance | | 248.34 |
| | | $800.00 |

Cr.

| | |
|---|---|
| By special appropriation | $800.00 |

---

## SEWER SOUTH WATER STREET, ENLARGING BETWEEN CANNON AND COFFIN STREETS.

Dr.

| | | |
|---|---|---|
| Pay rolls | | $784.36 |
| Francis T. Akin | 5.58 | |
| General sewers | 558.96 | |
| Greene & Wood | .40 | |
| George E. Hatch | 2.67 | |
| Highways and streets | 335.01 | |
| N. B. Boiler and Machine Co. | 5.41 | |
| N. B. Foundry & Machine Co. | .20 | |
| N. B. Water Works | 3.08 | |
| S. S. Paine & Brother | 163.20 | 1,074.51 |
| | | $1,858.87 |

Cr.

| | | |
|---|---|---|
| By special appropriation | 1,500.00 | |
| By transfer to balance | 358.87 | 1,858.87 |

## SEWER, WELD STREET, FROM PURCHASE STREET TO STATE STREET.

DR.

| | | |
|---|---|---|
| Pay rolls | | $1,430.27 |
| Clement Benjamin | $6.17 | |
| General sewers | 585.20 | |
| Highways and streets | 250.16 | 841.53 |
| | | $2,271.80 |

CR.

| | | |
|---|---|---|
| By special appropriations | $2,100.00 | |
| By transfer from sewer, Briggs street | 171.80 | $2,271.80 |

---

## SEWER, WILLARD AND VALENTINE STREETS, TO CONNECT WITH THE SEWER IN DUDLEY STREET.

DR.

| | | |
|---|---|---|
| Pay rolls | | $1,667.65 |
| General sewers | $421.41 | |
| Highways and streets | 210.01 | |
| S. S. Paine & Brother | 417.46 | |
| Charles S. Paisler | 205.82 | |
| E. F. Penney | 2.38 | 1,257.08 |
| | | $2,924.73 |
| To transfer to balance | | 675.27 |
| | | $3,600.00 |

CR.

| | |
|---|---|
| By special appropriation | $3,600.00 |

## SEWER, WOODLAWN STREET, FROM BROCK AVENUE TO WEST FRENCH AVENUE, TO CONNECT WITH SEWER IN DUDLEY STREET.

### Dr.

| | | |
|---|---|---|
| Pay rolls | | $1,395.24 |
| General sewers | 440.47 | |
| Highways and streets | 120.76 | |
| Charles S. Paisler | 106.03 | |
| E. F. Penney | 1.85 | 669.11 |
| | | 2,064.35 |
| To transfer to balance | | $335.65 |
| | | 2,400.00 |

### Cr.

| | |
|---|---|
| By special appropriation | 2,400.00 |

---

## SINKING FUNDS.

### Dr.

| | |
|---|---|
| Commissioners of Sinking Funds | $108,416.30 |

### Cr.

| | | |
|---|---|---|
| By appropriation | $96,279 70 | |
| Receipts as per Treasurer's report | 12,136.60 | $108,416.30 |

---

## TEMPORARY LOAN.

### Dr.

| | | |
|---|---|---|
| Loring, Tolman & Tupper | $250,000.00 | |
| National Shawmut Bank | 150,000.00 | |
| New Bedford Five Cents Savings Bank | 675,000.00 | |
| New Bedford Institution for Savings | 200,000.00 | |
| Rogers, Newman & Tolman | 100,000.00 | $1,375,000.00 |
| December 1, 1902. To balance | | 400,000.00 |
| | | $1,775,000.00 |

### Cr.

| | | |
|---|---|---|
| December 2, 1901. By balance | $475,000.00 | |
| Receipts as per Treasurer's reports | 1,300,000.00 | $1,775,000.00 |

### Cr.

| | |
|---|---|
| December 1, 1902. Balance | $400,000.00 |

---

## NEW BEDFORD TEXTILE SCHOOL.

### Dr.

| | |
|---|---|
| Isaac B. Tompkins, Jr., Treasurer | $7,000.00 |

### Cr.

| | |
|---|---|
| By special appropriation | $7,000.00 |

---

## TRUST FUNDS.

### Cr.

| | |
|---|---|
| By Sylvia Ann Howland Free Public Library Fund: | |
| One-half of the bequest of Sylvia Ann Howland for the support of liberal education and Free Public Library, | $50,000.00 |
| By Sylvia Ann Howland Educational Fund: | |
| One-half of the bequest of Sylvia Ann Howland for the support of liberal education and Free Public Library, | 50,000.00 |
| By George Howland, Jr., Fund: | |
| Donation to Free Public Library, | 1,600.00 |
| By Charles W. Morgan Fund: | |
| Bequest to Free Public Library, | 1,000.00 |
| By Oliver Crocker fund: | |
| Bequest to Free Public Library, | 1,000.00 |
| By James B. Congdon Fund: | |
| Donation to Free Public Library | 500.00 |
| By Jonathan Bourne Prize Fund: | |
| Donation to School Committee | $1,000.00 |
| By George O. Crocker Fund: | |
| Bequest to Free Public Library, | 10,000.00 |
| By Elizabeth T. Wood: | |
| Bequest to Free Public Library, | 2,000.00 |
| | 117,100.00 |

## UNAPPROPRIATED FUNDS.

### Dr.

| | | |
|---|---|---|
| To transfer to: | | |
| Appropriations, general, 1898 | $10,153.01 | |
| " " 1897 | 16,433.14 | |
| " special, 1902 | 1,122.37 | |
| " " 1901 | 98,571.55 | |
| Armories and military property | 3.46 | |
| Board of Health | 964.82 | |
| " " " contagious diseases | 1,221.32 | |
| City Property | 3,139.42 | |
| " " special committee | 1,500.00 | |
| Com. Mass., soldiers' relief, C. 79, R. L. | 3,007.23 | |
| Court judgments | 4,364.60 | |
| Elections | 170.01 | |
| Engineering department | 300.00 | |
| Incidentals | 397.23 | |
| " Memorial Day | 850.00 | |
| Land damages, Reynolds street | 600.00 | |
| Plans, etc., new school buildings | 2,275.57 | |
| Printing, binding and stationery | 520.39 | |
| Public baths, improvements | 110.61 | |
| Salaries | 467.83 | |
| Schoolhouse, Blackmer street, extras | 6,805.33 | |
| " Coggeshall street, extras | 8,540 76 | |
| " Shawmut avenue, extras | 4,483.83 | |
| Sewer, Briggs street | 700.00 | |
| " Hemlock street No. 1 | 450.00 | |
| " South Water street | 358 87 | $167,511.35 |

### Cr.

| | | |
|---|---|---|
| Receipts as per Treasurer's reports | $128,014 39 | |
| By department transfers | 39,496.96 | $167,511 35 |

## WOMEN'S WARD AND HOSPITAL AT THE CITY ALMSHOUSE, CONSTRUCTION.

Dr.

| | | |
|---|---|---|
| Dolphis Poirier, contractor | $7,963.01 | |
| December 1, 1902. To balance | 4,011 99 | $11,975.00 |

Cr.

| | |
|---|---|
| December 2, 1901. By balance | $11,975.00 |

Cr.

| | |
|---|---|
| December 1, 1902. Balance | $4,011.99 |

## WOMEN'S WARD AND HOSPITAL AT THE CITY ALMLHOUSE, HEATING AND VENTILATING.

Dr.

| | | |
|---|---|---|
| A. A. Sanborn, contractor | $1,500.00 | |
| December 1, 1902. To balance | 1,173.00 | $2,673.00 |

Cr.

| | |
|---|---|
| December 2, 1901. By balance | $2,673.00 |

Cr.

| | |
|---|---|
| December 1, 1902. Balance | $1,173.00 |

## BALANCE OF PUBLIC PROPERTY.

### Dr.

| | | | |
|---|---|---|---|
| To bonds issued | | $293,000.00 | |
| December 1, 1902. | To balance | 1,990,033.42 | $2,283,033.42 |

### Cr.

| | | | |
|---|---|---|---|
| December 2, 1901. | By balance | $2,007,455.83 | |
| Bonds paid | | 90,000.00 | |
| Public property, other than water works | | 66,688.00 | |
| Public property, N. B. Water Works, further supply | | 143.00 | |
| Sinking Fund Commissioners | | 118,746.59 | $2,283,033.42 |

### Cr.

| | | |
|---|---|---|
| December 1, 1902. | Balance | $1,990,033.42 |

## PUBLIC PROPERTY.

### Dr.

| | | | |
|---|---|---|---|
| December 2, 1901. | To balance | $4,887,803.00 | |
| Increase in valuation over 1901 | | 66,831.00 | $4,954,634.00 |

### Dr.

| | | |
|---|---|---|
| December 1, 1902. | To balance | $4,954,634.00 |

## SINKING FUND COMMISSIONERS.

DR.

| | | |
|---|---|---|
| December 2, 1901. To balance | $925,652.83 | |
| Increase in funds over 1901 | 118,746.59 | $1,044,399.42 |

DR.

| | |
|---|---|
| December 1, 1902. To balance | $1,044,399.42 |

## BONDS.

DR.

| | | |
|---|---|---|
| Bonds paid | $90,000.00 | |
| December 1, 1902. To balance | 3,909,000.00 | $3,999,000.00 |

CR.

| | |
|---|---|
| December 2, 1901. By balance | $3,706,000.00 |

CR.

| | |
|---|---|
| December 1, 1902. Balance | $3,909,000.00 |

## INTEREST PAYABLE IN 1903 ON THE BONDED DEBT.

| | | |
|---|---|---|
| $70,000.00 | Water bonds at 7 per cent. | $4,900.00 |
| 100,000.00 | Water Bonds at 6 per cent. | 6,000.00 |
| 40,000.00 | Water bonds at 5 per cent. | 2,000.00 |
| 1,340,000.00 | Water bonds at 4 per cent. | 53,600.00 |
| 48,000.00 | Water bonds at 3½ per cent. | 1,680.00 |
| 100,000.00 | Improvement bonds at 6 per cent. | 6,000.00 |
| 285,000.00 | Improvement bonds at 4 per cent. | 11,400.00 |
| 162,000.00 | Improvement bonds at 4 per cent., 6 months | 3,240.00 |
| 340,000.00 | Improvement bonds at 3½ per cent. | 11,900.00 |
| 80,000.00 | Improvement bonds at 3½ per cent., 6 months | 1,400.00 |
| 128,000.00 | Schoolhouse bonds at 4 per cent. | 5,120.00 |
| 387,000.00 | Schoolhouse bonds at 3½ per cent. | 13,545.00 |
| 120,000.00 | Schoolhouse bonds at 3½ per cent., 6 months | 2,100.00 |
| 550,000.00 | Sewer bonds at 4 per cent. | 22,000.00 |
| 173,000.00 | Sewer bonds at 3½ per cent. | 6,055.00 |
| 100,000.00 | Park bonds at 4 per cent. | 4,000.00 |
| 28,000.00 | Park bonds at 3½ per cent. | 980.00 |
| 52,000.00 | Wharf bonds at 4 per cent. | 2,080.00 |
| $4,103,000.00 | | $158,000.00 |

## BONDS OF THE

TITLES, RATES, AMOUNTS DUE

| Due. | Water 7s. | Water 6s. | Water 5s. | Water 4s. | Water 3½s. | Improvement 6s. | Improvement 4s. |
|---|---|---|---|---|---|---|---|
| 1903 | $10,000 | | $20,000 | | | $10,000 | $162,000 |
| 1904 | 10,000 | | 20,000 | | | 10,000 | 113,000 |
| 1905 | 10,000 | $20,000 | | | | 10,000 | |
| 1906 | 10,000 | 20,000 | | | | 10,000 | |
| 1907 | 10,000 | 20,000 | | | | 10,000 | 172,000 |
| 1908 | 10 000 | 20,000 | | | | 10,000 | |
| 1909 | 10,000 | 20,000 | | | | 12,000 | |
| 1910 | | | | | | 28,000 | |
| 1911 | | | | | | | |
| 1912 | | | | | | | |
| 1913 | | | | | | | |
| 1914 | | | | | | | |
| 1917 | | | | | | | |
| 1918 | | | | $20,000 | | | |
| 1919 | | | | | | | |
| 1920 | | | | | | | |
| 1922 | | | | | | | |
| 1924 | | | | 320,000 | | | |
| 1925 | | | | | | | |
| 1926 | | | | 400,000 | | | |
| 1927 | | | | 600,000 | | | |
| 1928 | | | | | | | |
| 1929 | | | | | | | |
| 1930 | | | | | $48,000 | | |
| 1932 | | | | | | | |
| 1942 | | | | | | | |
| 1951 | | | | | | | |
| | $70,000 | $100,000 | $40,000 | $1,340,000 | $48,000 | $100,000 | $447,000 |

Overdue bonds unpresented:

| | | |
|---|---|---|
| 1894. | Improvement 6s | $1,000.00 |
| 1898. | " " | 5,000.00 |
| | | $6,000.00 |

# CITY OF NEW BEDFORD.

## ANNUALLY AND TOTALS.

| Improvement 3¼s. | Sch. house and other public buildings 4s. | Sch. house and other public buildings 3½s. | Sewers 4s. | Sewers 3½s. | Park Loan 4s. | Park Loan 3½s. | Wharf 4s. |
|---|---|---|---|---|---|---|---|
| | | | | $60,000 | | | |
| | | | | 15,000 | | | |
| $62,000 | | | $35,000 | | | | |
| 108,000 | | | 43,000 | | | | |
| | | | 48,000 | | | | |
| | | | 57,000 | | | | |
| 170,000 | | | 100,000 | | | | |
| | | | 108,000 | | | | |
| | | | 32,000 | | | | |
| | $128,000 | | | | | | |
| | | $92,000 | | | | | |
| | | 30,000 | | | | | |
| | | 65,000 | | | | | |
| | | 200,000 | | | | | |
| | | | 58,000 | | | | |
| | | | 69,000 | | | | $52,000 |
| | | | | 35,000 | | | |
| | | | | 33,000 | | | |
| | | | | 30,000 | | | |
| | | | | | $100,000 | | |
| | | | | | | $28,000 | |
| $340,000 | $128,000 | $387,000 | $550,000 | $173,000 | $100,000 | $28,000 | $52,000 |

Total bonded debt, including overdue unpresented bonds $3,909,000.00

The Following Table Shows the Amount of Taxes Levied in This City Since 1883, and the Rate Per Thousand, for State, County and City Purposes; also the Number of Polls.

| Year. | Valuation of Real Estate. | Valuation of Personal Property. | State Tax. | County Tax. | City Tax. | Overlay. | No. of Polls. | Rate of Tax. |
|---|---|---|---|---|---|---|---|---|
| 1883 | $15,109,300 | $15,180,305.00 | $25,770 | $29,468.95 | $452,400 | $16,614.41 | 7,694 | $16.80 |
| 1884 | 15,635,900 | 15,718,182.00 | 34,360 | 26,668.72 | 462,700 | 13,031.04 | 8,141 | 16.60 |
| 1885 | 16,293,800 | 15,104,090.00 | 27,770 | 27,735.50 | 457,950 | 17,028.11 | 8,349 | 16.30 |
| 1886 | 16,778,900 | 15,416,695.50 | 27,015 | 33,883.77 | 456,300 | 15,328.18 | 8,699 | 16.00 |
| 1887 | 17,372,600 | 15,309,658.00 | 40,522½ | 38,485.28 | 489,700 | 18,075.50 | 9,056 | 17.40 |
| 1888 | 18,023,700 | 15,430,647.00 | 40,522½ | 41,274.10 | 486,411 | 19,364.29 | 9,424 | 17.00 |
| 1889 | 18,928,000 | 15,718,866.00 | 34,700 | 51,476.17 | 508,600 | 17,642.91 | 9,972 | 17.10 |
| 1890 | 20,041,700 | 16,829,154.00 | 30,362½ | 50,632.30 | 519,300 | 22,120.12 | 10,710 | 16.30 |
| 1891 | 20,959,300 | 17,559,643.00 | 26,025 | 47,819.40 | 550,200 | 26,134.37 | 11,160 | 16.30 |
| 1892 | 22,094,300 | 18,179,813.00 | 31,377 | 51,410.26 | 606,700 | 27,976.39 | 11,861 | 17.30 |
| 1893 | 25,344,300 | 19,130,798.00 | 44,825 | 57,699.11 | 673,689 | 28,077.05 | 12,988 | 17.50 |
| 1894 | 31,835,500 | 19,599,425.00 | 35,860 | 67,796.46 | 699,176 | 25,711.57 | 13,080 | 15.60 |
| 1895 | 31,984,150 | 20,658,600.00 | 30,915 | 78,760.33 | 698,545 | 31,077.76 | 14,300 | 15.40 |
| 1896 | 33,920,700 | 22,360,417.00 | 36,067½ | 85,061.14 | 745,800 | 30,750.56 | 15,475 | 15.40 |
| 1897 | 35,595,800 | 22,575,978.00 | 36,067½ | 63,008.25 | 840,239 | 34,002.38 | 15,467 | 16.20 |
| 1898 | 35,871,525 | 21,480,601.00 | 31,905 | 115,007.51 | 943,251 | 41,693.30 | 15,348 | 19.20 |
| 1899 | 35,558,755 | 20,548,663.00 | 31,905 | 95,839.60 | 939,635 | 40,378.38 | 15,248 | 19.20 |
| 1900 | 35,762,290 | 22,122,162.50 | 31,905 | 93,922.80 | 909,343 | 15,345.49 | 15,875 | 17.60 |
| 1901 | 36,170,900 | 26,725,150.00 | 34,685 | 89,306.99 | 976,099 | 26,905.41 | 16,303 | 17.40 |
| 1902 | 37,051,000 | 25,510,800.00 | 36,341 | 94,604.46 | 1,018,772 | 12,761.05 | 16,952 | 17.40 |

Average tax rate for 20 years, $16.90.

CITY OF NEW BEDFORD,
IN COMMITTEE ON FINANCE,
March 20, 1903.

The sub-committee appointed to appraise the city property, and to prepare a schedule of the same, respectfully reports as follows:

| | | |
|---|---|---|
| Armories and Military Property: | | |
| Rifle range, Tarkiln hill | $2,000.00 | |
| Two brass field pieces | 1,300.00 | $3,300.00 |
| Board of Assessors: | | |
| Sundries as per inventory | 1,300.00 | 1,300.000 |
| Board of Health: | | |
| Small pox hospital | 1,000.00 | |
| Old almshouse and outbuildings | 1,500.00 | |
| Furniture in hospital | 1,000.00 | |
| Office furniture, fumigators, etc. | 850.00 | |
| New ambulance | 210 00 | 4,560.00 |
| Cemetery Board: | | |
| Oak Grove cemetery | 40,830.00 | |
| Pine Grove cemetery | 800.00 | |
| Rural cemetery | 132,858.00 | |
| Receiving tomb, Rural cemetery | 5,267.00 | |
| Old burying ground, South Second street | 9,586.00 | |
| Sundries as per inventory | 5,010.00 | 194,351.00 |
| Department of Wharves: | | |
| Rotch's wharf | 22,000.00 | |
| Taber's wharf | 30,000.00 | 52,000.00 |
| Engineering Department: | | |
| Sundries as per inventory | 2,550.00 | 2,550.00 |

| | | | |
|---|---|---|---|
| Fire Department: | | | |
| No. 1, Engine house and lot, Purchase st. | | 13,590.00 | |
| No. 2, " " " " Purchase st. | | 21,220.00 | |
| No. 4, " " " " Bedford st. | | 16,009.00 | |
| No. 5, " " " " Hillman st. | | 33,570.00 | |
| No. 6, " " " " Fourth st. | | 13,000.00 | |
| No. 7, " " " " Durfee st. | | 16,966.00 | |
| No. 8, " " " " Acush. ave. | | 26,410.00 | |
| No. 9, " " " " Acush. ave. | | 1,200.00 | |
| Steam fire engine No. 1 | | 3,000.00 | |
| " " " " 2 | | 3,000.00 | |
| " " " " 4 | | 3,000.00 | |
| " " " " 5 | | 3,500.00 | |
| " " " " 6 | | 3,000.00 | |
| " " " " 7 | | 3,300.00 | |
| " " " " 8 | | 3,500.00 | |
| " " " Reserve | | 3,500.00 | |
| Chemical wagon | | 1,750.00 | |
| Nine hose wagons | | 3,800.00 | |
| Hand Engine No. 9 | | 500.00 | |
| Hook and ladder truck, No. 1 | | 3,200.00 | |
| " " " " No. 2 | | 3,000.00 | |
| " " " " No. 3 | | 3,000.00 | |
| " " " " Old | | 500.00 | |
| Eighteen thousand feet of hose | | 9,000.00 | |
| Ten wagons | | 3,000.00 | |
| Forty-five horses and harnesses | | 9,000.00 | |
| Fire alarm telegraph system | | 20,000.00 | |
| Sundries | | 2,500.00 | 227,015.00 |
| Free Public Library: | | | |
| Land and building | | 131,839.00 | |
| Books, etc., in library | | 60,000.00 | |
| Furniture and fixtures in city offices | | 1,500.00 | 193,339.00 |
| New Bedford Water Works: | | | |
| Old plant | 1,200,000.00 | | |
| Cost of works for further supply | 1,317,201.00 | | 2,517,201.00 |
| Park Commission: | | | |
| Buttonwood Park | | 32,665.00 | |
| Brooklawn Park | | 31,450.00 | |
| City Common | | 85,000.00 | |

| | | |
|---|---|---|
| Grove Park | 8,826.00 | |
| Hazlewood Park | 28,000.00 | |
| Triangle Park | 600.00 | |
| Sundries as per inventory | 8,800.00 | 195,341.00 |
| Police Department: | | |
| Police station, Blackmer street | 13,504.00 | |
| " " Kempton street | 22,603 00 | |
| " " South Second street | 15,700.00 | |
| " " Weld street | 12,158.00 | |
| " " Willis street | 3,043.00 | |
| Police stable, South Second street | 4,368.00 | |
| Police signal system | 7,500.00 | |
| Horses, carriages and harnesses | 1,635.00 | |
| Sundries as per inventory | 1,774.00 | 82,285.00 |
| Poor Department: | | |
| Almshouse, outbuildings and land | 98,000.00 | |
| Furniture and fixtures in almshouse | 2,550.00 | |
| Farming and mechanics' tools | 50.00 | |
| Tedders, horse rakes, spreaders, etc. | 250.00 | |
| Carts, carriages, gears, etc. | 635.00 | |
| Horses, cattle, swine and poultry | 1,990.00 | |
| Hay, grain and provisions | 1,620.00 | |
| Wood and coal shed, North and Second streets | 3,000.00 | |
| Wood and coal in shed | 75.00 | 108.170.00 |
| Public buildings, land, etc.: | | |
| Bathing houses, East French avenue | 2,000.00 | |
| Building and land, High and Foster streets | 2,000.00 | |
| City Hall and land | 141,466.00 | |
| Land, Hillman, Lindsey and North streets | 6,764.00 | |
| Land, foot of Howland street | 4,500.00 | |
| Land, Kempton and Reed streets | 2,257.00 | |
| Land, Rockdale avenue and Kempton street | 113.00 | |
| South pound lot | 800.00 | |
| Ward room and land, Fourth street | 1,400.00 | |
| Ward room and land, Rivet and Briggs streets | 2,350.00 | |
| Old police station, West Mill street | 100.00 | |
| Standard weights and measures | 500.00 | 164,250.00 |

| | | | |
|---|---|---|---|
| Public schools, land and buildings: | | | |
| Acushnet | 7,500.00 | | |
| Acushnet avenue | 49,966.00 | | |
| Blackmer street | 88,157.00 | | |
| Brock avenue, | 44,977.00 | | |
| Cannonville | 1,665.00 | | |
| Cedar street | 7,063.00 | | |
| Cedar Grove street | 35,932.00 | | |
| Clark street | 37,847.00 | | |
| Coggeshall street | 84,525.00 | | |
| Dartmouth street | 17,106.00 | | |
| Division street | 33,875.00 | | |
| Dunbar street | 45,037.00 | | |
| Fifth street | 35,898.00 | | |
| Court street | 54,503.00 | | |
| Kempton street | 65,100.00 | | |
| Linden street | 2,684.00 | | |
| Madison street | 66,089.00 | | |
| Maxfield street | 25,068.00 | | |
| Merrimac street | 18,113.00 | | |
| Middle street | 35,035.00 | | |
| Parker street | 86,379.00 | | |
| Phillips avenue | 47,561.00 | | |
| Plainville | 1,000.00 | | |
| Rockdale | 1,254.00 | | |
| Shawmut avenue | 51,819.00 | | |
| Summer street | 113,388.00 | | |
| North | 2,000.00 | | |
| Thompson street | 37,800.00 | | |
| Union Truant | 1,500.00 | | |
| William street | 5,191.00 | $1,104,032.00 | |
| Street and Sewer Department: | | | |
| City stables and lot | 45,400.00 | | |
| Sundries as per inventory | 53,740.00 | 99,140.00 | |
| Street Light Department: | | | |
| Lamp posts | 5,800.00 | 5,800.00 | $4,594,634.00 |

## RECAPITULATION.

| | | |
|---|---|---|
| Armories and military property | $3,300.00 | |
| Board of Assessors | 1,300.00 | |
| Board of Health | 4,560 00 | |
| Cemetery Board | 194,351.00 | |
| Department of Wharves | 52,000.00 | |
| Engineering Department | 2,550.00 | |
| Fire Department | 227,015.00 | |
| Free Public Library | 193,339.00 | |
| New Bedford Water Works | 2,517,201.00 | |
| Park Commission | 195,341.00 | |
| Police Department | 82,285.00 | |
| Poor Department | 108,170.00 | |
| Public buildings, land, etc. | 164,250.00 | |
| Public schools, land and buildings | 1,104,032.00 | |
| Street and Sewer Departments | 99,140.00 | |
| Street Light Department | 5,800.00 | $4,954,634.00 |

FRANCIS P. WASHBURN,
CHAS. W. JONES,
WILLIAM K. LEES,
Committee.

# TRIAL BALANCE, CITY AUDITOR.

DECEMBER 1, 1902.

## Dr.

| | | |
|---|---|---|
| Appropriations, general, 1902 | $67,144.15 | |
| " " 1901 | 5,097.12 | |
| " special, 1902 | 362,814.89 | |
| City Treasurer, balance of cash | 64,627.29 | |
| Com. of Mass., burial of soldiers | 371.75 | |
| " military aid | 1,559.66 | |
| " state aid | 11,043.03 | |
| Real estate tax account | 197.41 | |
| Public property | 4,954,634.00 | |
| Sinking funds | 1,044,399.42 | $6,511,888.72 |

## Cr.

| | | |
|---|---|---|
| Almshouse, kitchen addition | $2281.44 | |
| Balance of public property | 1,990,033.42 | |
| Bonds | 3,909,000.00 | |
| Cemeteries, sale of lots | 864.20 | |
| Cemetery funds | 26,734.93 | |
| City property, portable schools | 5,700.00 | |
| " " special committee | 1,479.05 | |
| Coggeshall Street bridge, repairs | 5,500.00 | |
| Department of Wharves | 2,649.05 | |
| Engineering, tides investigation | 1,027.20 | |
| Free Public Library, dog fund | 2,162.29 | |
| Free Public Library, trustees of : | | |
| James B. Congdon fund | 157.66 | |
| George O. Crocker fund | 74.49 | |
| Oliver Crocker fund | 219.06 | |
| George Howland, Jr., fund | 222.43 | |
| Sylvia Ann Howland fund | 776.10 | |
| Charles W. Morgan fund | 226.24 | |
| Charles L. Wood fund | 288.18 | |
| Reading rooms fund | 140.66 | |

| | | |
|---|---|---|
| Land damages, Acushnet avenue, No. 4 | 1,582.92 | |
| " " layout of Linden court | 300.00 | |
| " " Reynolds street | 600.00 | |
| N. B. School Committee, Howland fund | 1,531.68 | |
| N. B. Water Works | 20,584.46 | |
| " " " further water supply | 3,178.40 | |
| Parker street school alterations | 1,067.60 | |
| " " " heating, etc. | 1,153.00 | |
| " " " refurnishing | 2,380.33 | |
| Public schools, dog fund | 2,797.51 | |
| Schoolhouse, Blackmer street, heating, etc. | 500.00 | |
| " Coggeshall street " " | 500.00 | |
| Sewer, Bay and Dartmouth streets | 200.25 | |
| " Chepachet street | 3,599.00 | |
| " Cleveland street | 92.18 | |
| Temporary loan | 400,000.00 | |
| Trust funds | 117,100.00 | |
| Womens' ward and hospital, construction | 4,011.99 | |
| " " " " heating, etc. | 1,173.00 | $6,511,888.72 |

We have examined the foregoing and find the same correct:

WM. E SMITH,
ROBERT L. BAYLIES,
JOSEPH L. GIBBS.

Sub-committee of the Joint Standing Committee on Finance, appointed to examine the books and accounts of the City Treasurer and the City Auditor.

Approved:

HENRY P. JENNEY,
CHAS. H. BROWNELL,
FRANK CROACHER,
MANUEL A. ANDREWS,
CHARLES S. COOMBS,
Committee on Audit.

IN BOARD OF ALDERMEN,
April 23, 1903.

Received, ordered printed in the City Documents and sent down for concurrence.

D. B. LEONARD, City Clerk.

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IN COMMON COUNCIL,
April 23, 1903.

Concurred.

W. H. B. REMINGTON, Clerk.

# ANNUAL REPORT

OF THE

# COLLECTOR OF TAXES

FOR THE YEAR 1902.

# STATEMENT

OF THE

# COLLECTOR OF TAXES.

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CITY OF NEW BEDFORD, MASS.,
COLLECTOR'S OFFICE,
December 1, 1902.

*To the City Council of the City of New Bedford:*

GENTLEMEN:—Herewith I present to you my account as Collector of Taxes of the City of New Bedford for the year ending at this date, including also, an account of the receipts from the Commonwealth of Massachusetts for Corporation and other taxes.

Respectfully submitted,

JAMES H. HATHAWAY, Collector of Taxes.

## STATEMENT FOR THE YEARS 1900 AND 1901.

| YEARS. | UNPAID DEC. 2, 1901. | PAID AND REMITTED. | UNPAID DEC. 1, 1902. |
|---|---|---|---|
| 1900 | $21,697.16 | $16,847 32 | $4,849.84 |
| 1901 | 74,451.35 | 53,163.28 | 21,288.07 |
| | $96,148.51 | $70,010.60 | $26,137.91 |

## TAXES OF 1902.

### CHARGES.

| | | |
|---|---|---|
| State tax | $29,730.00 | |
| State tax, Armories | 6,611.30 | |
| County tax | 94,604.46 | |
| City appropriations, | 1,018,772.70 | |
| Overlay | 12,761.05 | $1,162,479.51 |

### PAYMENTS.

| | | |
|---|---|---|
| State Treasurer, State tax | $29,730.00 | |
| Same, Armories | 6,611.30 | |
| County Treasurer, County tax | 94,604.46 | |
| City Treasurer, City appropriations | 911,628.55 | |
| Same part of corporation taxes | 40,000.00 | |
| Abatements by the Assessors | 9,059.36 | |
| Balance unpaid taxes Dec. 1, 1902 | 70,845.84 | $1,162,479.51 |

About $93\frac{72}{100}$ per cent. of the tax levy of 1902 has been collected to this date.

| | |
|---|---|
| Total number of poll taxes for 1902 | 17,500 |
| Collected | 14,206 |
| Unpaid at this date, | 3,294 |

Of the taxes of 1900, but $4,849.84 remains unpaid, less than one half of one per cent. of the total levy for that year, ($1,050,516.36), a large proportion of which is for poll taxes to parties who are unable to contribute, or in some cases to those who are not to be found.

The balance of the appropriations for 1900, ($11,847-.32), have been provided for from the taxes of that year, and $5,352.77 collected in excess of that amount, which was placed to the credit of unappropriated funds.

| | |
|---|---|
| Taxes of 1901 unpaid | $21,288.07 |
| Balance of appropriations per Auditor's account | 5,097.12 |
| Taxes of 1901 in excess of appropriations | 16,190.95 |

The resident National Bank taxes collected and paid to the Commonwealth for 1902 was $36,105.87, this was in addition to the amount assessed and collected for the City of New Bedford.

The amounts received from the State Treasurer for corporation and other taxes were as follows :—

| | | |
|---|---|---|
| Corporation taxes | $68,430.68 | |
| National Bank taxes | 2,927.75 | |
| Street Railway taxes | 8,521.19 | |
| Tax on Foreign ships | 101.06 | $79,980.68 |

Examined an found correct:—

WM. E. SMITH,
ROBERT L. BAYLIES,
JOSEPH L. GIBBS,

Sub-committee on Finance to examine Treasurer's and Auditor's Books.

In Board of Aldermen,
April 23, 1903.

Received, ordered printed in the City Documents and sent down for concurrence.

D. B. LEONARD, City Clerk.

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In Common Council,
April 23, 1903.

Concurred.

W. H. B. REMINGTON, Clerk.

# ANNUAL REPORT

OF THE

# CITY TREASURER

FOR THE YEAR 1902.

# REPORT.

CITY OF NEW BEDFORD, MASS.,
TREASURER'S OFFICE,
December 1, 1902.

*To the City Council of the City of New Bedford:*

GENTLEMEN :—As required by the Ordinances of the City of New Bedford, I herewith present a statement of my accounts as City Treasurer for the financial year ending at this date.

Very respectfully yours,

JAMES H. HATHAWAY,
City Treasurer.

## Receipts.

| | | |
|---|---|---|
| Balance, December 2, 1901 | | $67,398.56 |
| APPROPRIATIONS GENERAL, 1902. | | |
| From Collector, taxes of 1902 | $911,628.55 | |
| State Treasurer, corporation taxes, | 40,000.00 | $951,628.55 |
| APPROPRIATIONS GENERAL, 1901. | | |
| From Collector, taxes of 1901 | | 50,849.30 |
| APPROPRIATIONS GENERAL, 1900. | | |
| From Collector, taxes of 1900 | | 11,494.55 |
| APPROPRIATIONS GENERAL, 1898. | | |
| From Collector, taxes of 1898 | | 3.84 |
| APPROPRIATIONS GENERAL, 1897. | | |
| From Collector, taxes of 1897 | | 3.24 |
| ARMORIES AND MILITARY PROPERTY. | | |
| From Denison Brothers Co., bill in second audit, | | 19.00 |

CEMETERY BOARD.

Received from sundry sources for care of lots :—

| | |
|---|---|
| Oak Grove Cemetery | $3,515.03 |
| Rural Cemetery | 4,611.39 |
| Pine Grove Cemetery | 296.82 |
| St. Mary's Cemetery | 4.00 |
| Cemetery Funds, permanent care | 1,511.72 |

New Bedford Five Cents Savings Bank :—

| | |
|---|---|
| Oak Grove Cemetery | $580.93 |
| Rural Cemetery | 275.49 |
| Pine Grove Cemetery | 5.50 |
| Friends Cemetery | 19.00 |
| Peckham West Cemetery | 7.50 |
| St Lawrence Cemetery | 6.00 |
| St. Mary's Cemetery | 2.00 |

| | | | |
|---|---|---|---|
| New Bedford Institution for Savings :— | | | |
| Oak Grove Cemetery | $49.88 | | |
| Rural Cemetery | 48.05 | | |
| Pine Grove Cemetery | 2.00 | $2,507.77 | $10,935.01 |

CEMETERIES—SALE OF LOTS.

| | | |
|---|---|---|
| Received from sundry persons :— | | |
| Oak Grove Cemetery | $1,806.00 | |
| Rural Cemetery | 1,995.00 | |
| Pine Grove Cemetery | 155.00 | 3,956.00 |

COMMONWEALTH OF MASSACHUSETTS—CHAP. 79 OF 1903.

| | | |
|---|---|---|
| From State Treasurer, as follows :— | | |
| For burial of soldiers, | $945.00 | |
| Military aid | 1,295.23 | |
| State aid | 11,601.50 | 13,841.73 |

DEPARTMENT OF WHARVES.

| | |
|---|---|
| Received from sundry sources, as follows : | |
| Yacht Aria, water | $20.00 |
| Armour & Co., rent | 5.00 |
| James F. Avery, storage | 15.00 |
| Tug Boxer, water | 6.00 |
| Sch. A. C. Buckley, dockage, etc. | 36.86 |
| Cabin Club, rent | 87.50 |
| City Coal Co., wharfage | 22.10 |
| Tug Chautauqua, water | 5.00 |
| Cole Brothers, water | 86.50 |
| U. S. S. Dexter, water | 51.00 |
| David Duff & Son, wharfage | 8.10 |
| Sch. E. B. Conwell, dockage, etc. | 55.00 |
| E. P. Flanders, rent, etc. | 6.00 |
| Sch. Geneveive, dockage | 15.00 |
| Lot H. Gibbs, wharfage | 69.90 |
| Brig Harry Smith, wharfage, etc. | 233.23 |
| Sch. Horatio, wharfage | 158.16 |
| James L. Humphry, Jr., sale of land | 1,352.00 |
| Same, storage | 80.00 |
| Yacht Idalia, water | 2.00 |
| Steamer Inca, water | 5.00 |
| Yacht Indolant, water | 16.00 |

| | | |
|---|---|---|
| Daniel Kelleher, rent | 12.48 | |
| Brig Leonora, wharfage, etc. | 80.80 | |
| Steamer Lexington, water | 19.00 | |
| Sch. Liza Jane, wharfage | 3.00 | |
| Sch. Lottie Beard, wharfage | 159.44 | |
| Otis B. Luce, wharfage, etc. | 195.00 | |
| Tug Mars, water | 10.00 | |
| Thomas H. Mills & Co., rent | 37.50 | |
| James F. Mosher, dockage | 10.00 | |
| National Fertilizer Co., wharfage | 5.50 | |
| Yacht Nerita, water | 5.00 | |
| N. B. Cordage Co., wharfage | 28.10 | |
| N. B. Fish Co., rent, etc. | $410.00 | |
| N. B., M. V. & N. St. Co., dockage, etc. | 225.62 | |
| N. B. Product Co., wharfage | 21.10 | |
| Tug N. & W. No. 2, water | 10.00 | |
| George L. Oliver, storage | 8.34 | |
| Sch. Oliver Ames, dockage | 8.00 | |
| Yacht Orianda, dockage | 5.00 | |
| S. S. Paine & Brother, wharfage | 84.25 | |
| C. S. Paisler, wharfage | 24.40 | |
| Tug Patience, water | 5.00 | |
| William F. Potter & Co., rent | 860.92 | |
| Steamer Reba, water | 9.00 | |
| R. P. Reed, wharfage | 8.00 | |
| J. C. Rhodes & Co., Inc., sale of land | 1,078.00 | |
| Same, piping, etc. | 200.00 | |
| Tug Sea King, water | 6.00 | |
| John B. Sherman, rent | 18.00 | |
| B. F. Smith & Co., storage | 60.00 | |
| N. C. Smith, wharfage | 2.00 | |
| George B. Taber, dockage | 6.00 | |
| Tug Teaser, water | 5.00 | |
| A. S. Tripp, dockage | 40.00 | |
| Sch. Viking, dockage | 24.00 | |
| Yacht Wampanoag, water | 2.00 | |
| Henry F. West, rent, etc. | 100.00 | |
| Sch. W. A. Grover, water | 25.00 | |
| J. & W. R. Wing & Co., rent | 20.00 | |
| Highways and Streets, storage, etc. | 500.00 | |
| N. B. Water Works, wharfage, etc. | 73.85 | $6,740.65 |

FIRE DEPARTMENT.

| | | |
|---|---|---|
| From F. Macy, Chief Engineer, sale of 5 horses, | $499.50 | |
| Almshouse, dressing | 205.00 | |
| Cole Brothers, hose | 3.00 | |
| Sewers, general | 16.00 | 723.50 |

FREE PUBLIC LIBRARY—DOG FUND.

| | | |
|---|---|---|
| From County Treasurer, one-half of dog licenses | $1,486.45 | |
| Same, additional | 67.50 | 1,553.95 |

FREE PUBLIC LIBRARY—TRUSTEES ACCOUNT.

| | | |
|---|---|---|
| Interest on Trust Funds:— | | |
| James B. Congdon, gift | $30.00 | |
| George O. Crocker, bequest | 400.00 | |
| Oliver Crocker, bequest | 60.00 | |
| George Howland, Jr., gift | 96.00 | |
| Sylvia Ann Howland, bequest | 3,000.00 | |
| Charles W. Morgan, bequest | 60.00 | |
| Charles L. Wood, bequest | 80.00 | |
| N. Y. Biographical Society, 2d audit | 15.00 | |
| J. S. Rogers, 2d audit | 5.00 | |
| University of Chicago, 2d audit | 1.45 | 3,747.45 |

HIGHWAYS AND STREETS.

| | | |
|---|---|---|
| From sundry parties, stone, etc. | $9,933.24 | |
| From sundry departments | 22,445.43 | |
| From Street Railways, franchise | 6,451.73 | 38,830.40 |

INCIDENTALS.

| | |
|---|---|
| N. Y., N. H. & H. Railroad, 2d audit | 20.00 |

LIGHTING THE STREETS.

| | |
|---|---|
| Globe Gas Light Co., Boston, error in bill | 136.50 |

NEW BEDFORD SCHOOL COMMITTEE—HOWLAND FUND.

| | |
|---|---|
| Interest on Trust Funds: | |
| Sylvia Ann Howland, bequest | 3,000.00 |

NEW BEDFORD SCHOOL COMMITTEE—BOURNE FUND.

| | | |
|---|---|---|
| Interest on Educational Fund : | | |
| Jonathan Bourne, bequest | | 60.00 |

NEW BEDFORD SCHOOL COMMITTEE—DOG FUND.

| | | |
|---|---|---|
| From County Treasurer, one-half of dog licenses | | 1,553.94 |

NEW BEDFORD WATER WORKS.

| | | |
|---|---|---|
| From Water Registrar, as follows : | | |
| Fines | $68.00 | |
| Fountains | 6.00 | |
| High Hill Reservoir | 124.43 | |
| Land, buildings, taxes, etc. | 1,536.43 | |
| Mains | 4,796.60 | |
| Meters | 2,418.46 | |
| Mill piping | 472.31 | |
| Mt. Pleasant Reservoir | 5.00 | |
| Quittacas Pumping Station | 5.00 | |
| Railroad | 5.00 | |
| Rates | 112,106.44 | |
| Receiving Reservoir | 5.00 | |
| Sealing Mill Fixtures | 75.67 | |
| Services, | 3,010.61 | |
| Work Shop | 32.79 | |
| Land damages, award from Bridge, | 7,500.00 | 132,167.74 |

PARK COMMISSION.

| | | | | |
|---|---|---|---|---|
| From J. J. Powers, sale of buildings : | | | | |
| Hazelwood | | $535.00 | | |
| Commission | $53.50 | | | |
| Advertising | 5.00 | 58.50 | 476.50 | |
| Superintendent, grass and rent | | | 37.00 | |
| Sale of feed box | | | 15.00 | |
| J. G. Davoll, 2d audit | | | 1.26 | 529.76 |

POLICE DEPARTMENT.

| | | |
|---|---|---|
| Board of Health, contagious diseases, etc. | $1,646.85 | |
| Bristol County House of Correction, fines, etc. | 1,604.00 | |
| Chief of Police, sale of cloth | 400.00 | |
| Third District Court, Bristol, fines, etc. | 5,094.81 | |
| So. Mass. Telephone, 2d audit | 1.49 | 8,747.15 |

## POOR DEPARTMENT.

Received from sundry sources, as follows:—

### CITIES AND TOWNS.

| | | |
|---|---|---|
| Acushnet | $84 00 | |
| Amesbury | 143.00 | |
| Boston | 242.00 | |
| Bourne | 48.00 | |
| Chatham | 10.50 | |
| Chicopee | 38.00 | |
| Cottage City | 39.57 | |
| Dartmouth | 285.50 | |
| Edgartown | 433.50 | |
| Fairhaven | 138.00 | |
| Fall River | 404.46 | |
| Freetown | 19.50 | |
| Gloucester | 19.00 | |
| Grafton | 76.42 | |
| Hingham | 16.00 | |
| Holyoke | 20.00 | |
| Hyde Park | 169.00 | |
| Lawrence | 130.00 | |
| Lowell | 5.00 | |
| Malden | 30.00 | |
| Marion | 42.00 | |
| Middleborough | 4.00 | |
| Nantucket | 23.00 | |
| Newton | 104.00 | |
| Plymouth | 32.00 | |
| Provincetown | 7.40 | |
| Taunton | 8.00 | |
| Templeton | 22.00 | |
| Ware | 47.00 | |
| Wareham | 74.50 | |
| Warren | 25.00 | |
| Webster | 8.00 | |
| West Bridgewater | 193.50 | |
| Westport | 92.00 | |
| Yarmouth | 6.00 | $3,039.85 |

From sundry sources, board, etc.—

| | | |
|---|---|---|
| M. A. Atchinson | $87.75 | |
| A. L. Sylvia, 2d audit | 5.00 | |

| | | | |
|---|---|---|---|
| Eliza Barker | 52.00 | | |
| George Boardman | 169.46 | | |
| J. W. Brennan | 144.00 | | |
| Mrs. N. C. Churchill | 123.96 | | |
| J. O. Correira | 74.00 | | |
| Timothy Crowley | 67.32 | | |
| William E. Dowty | 30.00 | | |
| Manuel Fernandes | 9.00 | | |
| George S. Homer | 6.85 | | |
| Manuel G. Lawrence | 13.00 | | |
| Theo. Leabeau | 56.00 | | |
| Henry W. Mason | 179.46 | | |
| Joseph Mercer | 83.16 | | |
| David Moncrief | 126.75 | | |
| E. M. Murphy | 169.46 | | |
| Mary Paris | 20.00 | | |
| Sarah B. Peckham | 89.20 | | |
| Nelson L. Pike | 60.00 | | |
| Mrs. Merritt Scribener | 4.00 | | |
| S. H. Sheperd | 42.25 | | |
| Stephen N. Sylvia | 49.68 | | |
| John T. Turner | 147.00 | | |
| Ellen Wilding | 12.00 | | |
| Rev. E. Williams | 27.85 | 1,849.15 | |
| From Fire Department | | 1,211.55 | |
| Unappropriated Funds | | 10.00 | |
| From State Treasurer :— | | | |
| Support | 1,088.12 | | |
| Support temporary | 1,270.49 | | |
| Burials | 1,120.00 | | |
| Educational, children | 32.00 | 3,510.61 | $9,621.16 |

PROTECTION OF SHADE TREES.

| | | |
|---|---|---|
| From sundry persons, spraying trees | | 140.57 |

PUBLIC DEBT.

| | | |
|---|---|---|
| Commissioners of Sinking Funds, Improvement Bonds, maturing April 1, 1902 | 50,000.00 | |
| Department of Wharves, interest on Wharf Bonds | 2,080.00 | |

| | | |
|---|---|---|
| N. B. Water Works, from rates to pay bonds maturing October 1, 1902 | 30,000.00 | |
| N. B. Water Works, from rates to pay interest on Water Bonds | 10,000.00 | 92,080.00 |

REAL ESTATE TAX ACCOUNT.

| | | |
|---|---|---|
| John Kearney, sewer tax | 24.61 | |
| H. W. Kenyon, sewer tax | 24.90 | |
| Henry Mevins, tax of 1898 | 7.28 | |
| Michael McNamee, tax of 1900 | 8.90 | |
| " " " 1896 | 9.73 | |
| " " sewer tax 1899 | 20.20 | 95.62 |

SEWERS—GENERAL ACCOUNT.

| | | |
|---|---|---|
| Received from sundry persons for estimated cost and repairs of drains | 12,455.36 | |
| Less difference in cost | 609 38 | 11,845.98 |

SINKING FUNDS.

| | | |
|---|---|---|
| Premium on $28,000 Park Bonds, sold, at 8.32 per cent. | 2,329.60 | |
| Premium on $30.000 Sewer Bonds, sold at 6.42 per cent. | 1,926.00 | |
| Premium on $65,000 School Bonds, sold at 4.88 per cent. | 3,172.00 | |
| Premium on $170,000 Improvt. Bonds, sold at 2.77 per cent. | 4,709.00 | 12,136.60 |

SPECIAL APPROPRIATIONS—1902.

| | |
|---|---|
| Note of December 10, 1902, due May 1, 1903, on account of New High School Lot | 60,000.00 |

SPECIAL APPROPRIATIONS—1901.

| | | |
|---|---|---|
| Sale of Park Bonds at 3½ per cent., due July 1, 1951 | 28,000.00 | |
| Sale of Sewer and School Bonds, at 3½ per cent. | 76,811.57 | 104,811.57 |

SPECIAL APPROPRIATIONS—1900.

| | |
|---|---|
| Sale of Improvement and Sewer Bonds at 3½ per cent. | 188,188.43 |

## TEMPORARY LOAN.

| | | |
|---|---|---|
| N. B. Five Cents Savings Bank, note Dec, 28, 1901, at 3.90 per cent. | 100,000 | |
| N. B. Institution for Savings, note of January 13, 1902, at 3.70 per cent. | 100,000 | |
| N. B. Five Cents Savings Bank, note of January 13, 1902, at 3.70 per cent. | 100,000 | |
| N. B. Five Cents Savings Bank, note of February 28, 1902, at 3.50 per cent. | 150,000 | |
| Rogers, Newman & Tolman, note of March 4, 1902, at 3⅝ per cent. discount | 150,000 | |
| N. B. Institution for Savings, note of March 27, 1902, at 3.70 per cent. | 100,000 | |
| N. B. Five Cents Savings Bank, note of March 28, 1902, at 3.70 per cent | 100,000 | |
| Loring, Tolman & Tupper, note of April 8, 1902, at 3.73 discount | 100,000 | |
| Loring, Tolman & Tupper, note of September 9, 1902, at 4¾ discount | 50,000 | |
| N. B. Five Cents Savings Bank, note of September 9, 1902, at 4¼ per cent. | 50,000 | |
| N. B. Five Cents Savings Bank, note of November 28, 1902, at 5 per cent. | 200,000 | |
| N. B. Institution for Savings, note of November 28, 1902, at 5 per cent. | 100,000 | $1,300,000.00 |

## UNAPPROPRIATED FUNDS.

| | | |
|---|---|---|
| Received for interest on deposits :— | | |
| First National Bank | 388.69 | |
| Mechanics National Bank | 443.89 | |
| Merchants National Bank | 436.61 | |
| N. B. Safe Deposit & Trust Co. | 437.35 | 1,706.54 |
| Received for cost and interest on taxes, etc. :— | | |
| Collector, for taxes | $3,134.07 | |
| Collector, 1 per cent on bank taxes | 357.41 | 3,491.48 |
| Received for taxes in excess of appropriations :— | | |
| Collector, taxes 1899 | $28.68 | |
| Collector, taxes 1900 | 5,352.77 | 5,381.45 |
| Liquor licenses :— | | |
| 47 1st and 4th Class, at $1,400 | $65,800.00 | |
| 10 1st Class Inn holders | 15,000.00 | |

| | | | |
|---|---|---|---|
| 1 1st Class, C. V. | 1,100.00 | | |
| 4 4th Class Bottlers, $600 | 2,400.00 | | |
| 7 Club licenses 300 | 2,100.00 | | |
| 33 6th Class, Druggist 1.00 | 33.00 | | |
| | $86,433.00 | | |
| Less ¼ to State | 21,608.25 | $64,824.75 | |
| From other licenses, fees, etc. | | | |
| Board of Health | $42.55 | | |
| City Clerk, fees | 594.64 | | |
| City Clerk, licenses | 1,054.00 | | |
| Entering sewers | 450.00 | | |
| Milk licenses | 169.00 | | |
| Pedlers licenses | 250.00 | | |
| Public baths | 308.91 | | |
| Sealer of Weights and Measures | 244.26 | 3,113.36 | |
| From Public Schools :— | | | |
| G. J. Alley, excess of audit | 75.03 | | |
| Sale of books | 55.00 | | |
| Tuition of N. R. pupils | 1,651.77 | 1,781.80 | |
| From rents :— | | | |
| City Hall | 275.00 | | |
| Morgan lot | 1.00 | 276.00 | |
| Accrued interest on sale of bonds | | 1,754.85 | |
| Engineering department, plans, etc. | 81.65 | | |
| Less amount to poor department, | 10.00 | 71.65 | |
| J. C. Warren, land, Clark's Cove | | 25.00 | |
| State Treasurer :— | | | |
| Contagious diseases | $2,470.87 | | |
| Corporation taxes | 28,496.65 | | |
| National Bank taxes | 2,205.62 | | |
| Ships in foreign trades | 101.06 | | |
| Street Railway tax | 8,521.19 | | |
| Rent of Armories | 600.00 | | |
| Attorney Generals' office | 5.00 | | 42,400.39 |
| Sewer and Betterment Taxes : | | | |
| Purchase street betterment | 314.59 | | |
| Adams street sewer | 670.95 | | |
| Allen street sewer | 171.85 | | |
| Bowditch and Dean street sewer | 42.62 | | |

| | | | |
|---|---|---|---|
| David street sewer | 432.25 | | |
| Davis street sewer | 316.07 | | |
| Dean street sewer | 35.64 | | |
| Jenney Lind street sewer | 199.12 | | |
| Kenyon street sewer | 28.82 | | |
| Lombard street sewer | 149.69 | | |
| Merrimac street sewer | 63.07 | | |
| Penniman street sewer | 575.61 | | |
| Summer street sewer | 186.84 | 3,187.12 | $128,014.39 |
| Total receipts, including balance, Dec. 2, 1901 | | | $3,214,875.14 |
| Expenditures per warrants of the Mayor | | | 3,150,247.85 |
| Balance of cash in the treasury Dec. 1, 1902 | | | $64,627.29 |

## EXPENDITURES.

Payments on the warrants of the Mayor for the year have been as follows, viz:—

| | |
|---|---|
| Almshouse addition, kitchen | $1,803.56 |
| Alterations, etc., N. B. High School | 2,708.68 |
| Armories and Military property | 3,022.46 |
| " " Rifle range | 995.50 |
| Block Paving, South Water street | 15,000.00 |
| Board of Assessors | 6,499.22 |
| Board of Health | 28,500.92 |
| " " " Contagious diseases | 8,702.91 |
| Cemetery Board | 30,755.51 |
| City property, Special Committee | 20.95 |
| Cemeteries, sale of lots | 3,331.60 |
| City property | 9,639.42 |
| Commonwealth of Mass., burial of soldiers | 525.00 |
| " " " Military aid | 3,102.00 |
| " " State aid | 11,992.00 |
| " " Soldiers relief | 13,007.23 |
| Coggeshall street bridge | 193.10 |
| Court judgments | 4,364.60 |
| Department of wharves | 4,351.09 |
| Elections | 4,370.01 |
| Engineering department | 9,989.97 |
| " tides investigation | 172.80 |

| | |
|---|---|
| Fire department | 84,026.45 |
| Fourth of July celebration | 4,966.33 |
| Free public library | 11,926.47 |
| " " Dog fund | 532.70 |
| " " Repairs, etc. | 3,622.69 |
| Free Public Library, Trustees Account :— | |
| George O. Crocker fund | 862.77 |
| George Howland, Jr., fund | 207.25 |
| Sylvia Ann Howland, fund | 3,411.50 |
| Reading room fund | 230.03 |
| Highways and Streets | 184,070.24 |
| Incidentals | 40,417.23 |
| " Memorial day | 849.91 |
| Land damages, Acushnet avenue, No. 4 | 1,461.83 |
| " " Chancery street | 998.80 |
| " " Layout of Linden court | 1,200.00 |
| License Commission | 593.91 |
| N. B. Water Works | 134,952.02 |
| Lighting streets | 56,909.99 |
| N. B. Water Works, further supply | 143.74 |
| N. B. School Committee, Howland fund | 2,099.08 |
| Park Commission | 43,503.17 |
| N. B. School Committee, Bourne Prize fund | 60.00 |
| Parker street schoolhouse, alterations | 29,270.40 |
| " " Heating | 4,612.00 |
| " " Plans | 1,263.61 |
| " " Refurnishing | 1,119.67 |
| Pingree plan | 1,178.90 |
| Plans, etc., new school buildings | 2,275.57 |
| Police department | 117,498.27 |
| Poor department | 72,197.97 |
| Printing, binding and stationery | 3,520.39 |
| Protection of shade trees | 2,868.08 |
| Public baths, improvements | 1,110.61 |
| " maintenance | 988.16 |
| Public debt | 281,755.05 |
| Public schools, dog fund | 776.89 |
| " Incidentals | 58,511.70 |
| " Pay of teachers | 161,134.51 |
| " Repairs of buildings | 7,210.34 |
| Salaries | 26,562.83 |
| Schoolhouse, Blackmer street, extras | 6,805.33 |
| Heating, etc. | 500.00 |

| | | |
|---|---|---|
| Schoolhouse, Coggeshall street, extras | 8,540,76 | |
| " " " Heating, etc. | 500.00 | |
| " Shawmut avenue, extras, etc. | 4,483.83 | |
| " " " Heating, etc. | 1,048.00 | |
| " " " Grading, etc. | 6,041.00 | |
| " Lot, Morgan estate | 60,000.00 | |
| Sewers, General account | 23,636.62 | |
| Sewer, Bay and Dartmouth streets | 299.75 | |
| " Briggs street | 444.18 | |
| " Cleveland street | 707.82 | |
| " Davis street | 2,339.82 | |
| " Hemlock street, No. 1 | 329.17 | |
| " " No. 2 | 260 29 | |
| " Liberty street | 3,067.53 | |
| " North street | 809.30 | |
| " Peckham street | 764.84 | |
| " Phillips avenue, No. 1 | 4,240.38 | |
| " Ruth street | 1,057.01 | |
| " Tinkham street | 871.91 | |
| " Trinity street | 551.66 | |
| " South Water street | 1,858.87 | |
| " Weld street | 2,271.80 | |
| " Willard and Valentine streets | 2,924.73 | |
| " Woodlawn street | 2,064.35 | |
| Sinking funds | 108,416.30 | |
| Temporary loan | 1,375,000.00 | |
| Textile school | 7,000.00 | |
| Women's ward and hospital, construction | 7,963.01 | |
| " " " " Heating, etc. | 1,500.00 | $3,150,247.85 |

## TRUST FUNDS HELD BY THE CITY OF NEW BEDFORD.

| | |
|---|---|
| New Bedford School Committee : | |
| One-half of the Sylvia Ann Howland bequest, invested in the Water Works construction at 6 per cent. | 50,000.00 |
| Free Public Library, Trustees Account :— | |
| One half of the Sylvia Ann Howland bequest invested in the Water Works construction, at 6 per cent. | 50,000.00 |
| | $1,000,000.00 |

| | | |
|---|---|---|
| New Bedford School Committee :— | | |
| Jonathan Bourne, educational fund, (held as cash in the treasury) | | 1,000.00 |
| Free Public Library, Trustees Account (held as cash in the Treasury) | | |
| George Howland, Jr., gift, at 6 per cent. | $1,600.00 | |
| Oliver Crocker, bequest | 1,000.00 | |
| Charles W. Morgan, bequest | 1,000.00 | |
| James B. Congdon, gift | 500.00 | |
| George O. Crocker, bequest, at 4 per cent. | 10,000.00 | |
| Charles L. Wood, bequest | 2,000.00 | 16,100 00 |
| Cemetery funds, perpetual care of lots (held as cash in the treasury) at 6 per cent. | 26,734,93 | |
| Cemetery funds, perpetual care of lots (deposited in savings bank) | | |
| Balance, December 2, 1902 | 39,822.00 | |
| Receipts for 1902, to December 1, 1902 | 8,080.14 | 74,637.07 |
| Trust funds, December 1, 1902 | | 191,737.07 |

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We have examined the foregoing statement of the City Treasurer and find it to be correct.

W. E. SMITH,
ROBERT L. BAYLIES,
JOSEPH L. GIBBS,

Sub-committee of the Joint Standing Committee on Finance, appointed to examine the accounts of the City Treasurer and City Auditor.

In Board of Aldermen,
April 23, 1903.

Received, ordered printed in the City Documents and sent down for concurrence.

D. B. LEONARD, City Clerk.

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In Common Council,
April 23, 1903.

Concurred.

W. H. B. REMINGTON, Clerk.

# ANNUAL REPORT

OF THE

# SINKING FUND COMMISSIONERS

OF THE

# CITY OF NEW BEDFORD

For the Year 1902.

# Report

OF THE

# Treasurer of the Sinking Funds.

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CITY OF NEW BEDFORD, MASS.,
TREASURER'S OFFICE,
January 1, 1903.

*To the Commissioners of Sinking Funds of the City of New Bedford:*

GENTLEMEN:—Herewith please find a statement of my accounts as Treasurer of the Sinking Funds of the City of New Bedford for the year to this date, together with a list of the securities now held in the funds.

DR.

| | | |
|---|---|---|
| Par value of the funds March 1, 1902 | $923,838.04 | |
| Appropriations for the City Council, requirements for municipal debt | 96,279.70 | |
| Received from water rates | 28,000.00 | |
| Received from wharf rates | 1,040.00 | |
| Received from income on investments | 39,222.04 | |
| Premium to sinking funds | 12,136.60 | |
| Premium on bonds purchased | 2,632.00 | $1,103,148.38 |

CR.

| | | |
|---|---|---|
| Amount paid, accrued interest on investments | $1,983.66 | |
| Amount paid, premium on same | 6,765.30 | |
| Amount paid City Treasurer, maturing bonds April 1, 1902 | 50,000.00 | |
| Sinking Funds, at par, Jan. 1, 1903 | 1,044,399.42 | $1,103,148.38 |

APPROPRIATIONS.

The appropriations by the City Council and Water Board, together with the amount received from the income from the city wharves, to reduce the public debt for the year 1902, were as follows, viz.:

| | | |
|---|---|---|
| Sinking Funds, March 1, 1902 | | $923,838.04 |
| For $30,000 Sewer Bonds, April 1, 1886, 20 years | $1,200.00 | |
| $30,000 Sewer Bonds, October 1, 1886, 20 years | 1,200.00 | |
| $15,000 Sewer Bonds, April 1, 1887, 20 years | 600.00 | |
| $25,000 Sewer Bonds, April 1, 1888, 20 years | 1,400.00 | |
| $43,000 Sewer Bonds, April 1, 1889, 20 years | 1,720.00 | |
| $48,000 Sewer Bonds, April 1, 1890, 20 years | 1,920.00 | |
| $57,000 Sewer Bonds, April 1, 1891, 20 years | 2,280.00 | |
| $100,000 Sewer Bonds, April 1, 1892, 20 years | 4,000.00 | |
| $50,000 Improvement Bonds, April 1, 1902, 10 years | 3,939.70 | |
| $108,000 Sewer Bonds, April 1, 1893, 20 years | 4,320.00 | |
| $162,000 Improvement Bonds, April 1, 1893, 10 years | 12,960.00 | |
| $32,000 Sewer Bonds, April 1, 1894, 20 years | 1,200.00 | |
| $89,000 Improvement Bonds, April 1, 1894, 10 years | 7,120.00 | |

| | | |
|---|---|---|
| $58,000 Sewer Bonds, April 1, 1895, 30 years | 1,160.00 | |
| $24,000 Improvement Bonds, April 1, 1895, 10 years | 1,920.00 | |
| $172,000 Improvement Bonds, March 1, 1897, 10 years | 13,760.00 | |
| $128,000 School Bonds, March 1, 1897, 20 years | 5,120.00 | |
| $69,000 Sewer Bonds, March 1, 1897, 30 years | 1,380.00 | |
| $35,000 Sewer Bonds, February 1, 1898, 30 years | 740.00 | |
| $92,000 School Bonds, February 1, 1898, 20 years | 3,880.00 | |
| $62,000 Improvement Bonds, February 1, 1898, 10 years | 4,960.00 | |
| 108,000 Improvement Bonds, February 1, 1899, 10 years | 8,640.00 | |
| $30,000 School Bonds, February 1, 1899, 20 years | 1,200.00 | |
| $33,000 Sewer Bonds, February 1, 1899, 30 years | 660.00 | |
| $200,000 School Bonds, June 1, 1900, 20 years | 8,000.00 | |
| $20,000 Water Bonds, April 1, 1888, 30 years | 400.00 | |
| $120,000 Water Bonds, April 1, 1894, 30 years | 2,400.00 | |
| $1,200,000 Water Bonds, 1894, 1896 and 1897, 30 years | 24,000.00 | |
| $48,000 Water Bonds, June 1, 1900, 30 years | 1,200.00 | |
| $100,000 Park Loan, June 1, 1892, 50 years | $1,000.00 | |
| $52,000 Wharf Bonds, May 1, 1897, 30 years | 1,040.00 | 125,319.70 |
| Interest on investments | | 39,222.04 |
| Premium on bonds purchased | | 2,632.00 |
| Premiums to Sinking Funds | | 12,136.60 |
| | | $1,103,148.38 |

PAYMENTS.

| | | |
|---|---|---|
| To City Treasurer, Improvement Bonds, matured April 1, 1902 | $50,000.00 | |
| Premiums on bonds purchased | 6,765.30 | |
| Accrued interest on same | 1,983.66 | 58,748.96 |
| Net value of Sinking Funds | | $1,044,399.42 |

LIST OF SECURITIES HELD IN THE SINKING FUNDS JANUARY 1, 1903.

| | |
|---|---|
| Attleboroughs, 4s, July 1, 1926 | $18,000.00 |
| Albany & Susquehanna Railway Bonds, 7s, April 1, 1906 | 9,000.00 |
| Albany & Susquehanna Railway Bonds, 7s, April 1, 1906 | 10,000.00 |
| Bridgeports, 4s, January 1, 1924 | 6,000.00 |
| Brocktons, 4s, April 1, 1924 | 7,000.00 |
| Brocktons, 4s, December 15, 1923 | 1,000.00 |
| Burlington & Missouris, 6s, July 1, 1918 | 11,800.00 |
| Burlington & Missouris, 6s, July 1, 1918 | 19,000.00 |
| Boston & Maines, 4½s, January 1, 1944 | 5,000.00 |
| Cambridges, 4s, August 1, 1924 | 32,000.00 |
| Cambridges, 4s, February 1, 1924 | 4,000.00 |
| Clevelands, 4s, April 1, 1903 | 4,000.00 |
| Clintons, 4s, October 1, 1905, 21 | 11,000.00 |
| Chicago, Burlington & Quincys, 7s, July 1, 1903 | 8,000.00 |
| Chicago, Burlington & Quincys, 4s, May 1, 1927 | 5,000.00 |
| Chicago, Burlington & Quincys, 5s, Oct. 1, 1917 | 10,000.00 |
| Chicago, Burlington & Quincys, 4s, Oct. 1, 1919 | 6,000.00 |
| Chicago, Burlington & Quincys, 3½s, July 1, 1949 | 3,000.00 |
| Chicago, Burlington & Quincys, 3½s, July 1, 1949 | 10,000.00 |
| Chicago, Burlington & Quincys, 3½s, July 1, 1949 | 6,000.00 |
| Chicago, Burlington & Quincys, 3½s, July 1, 1949 | 12,000.00 |

| | |
|---|---|
| Cedar Rapids & Missouris, 7s, June 1, 1909 | 4,000.00 |
| Dakota Centrals, 6s, Sept. 1, 1907 | 50,000.00 |
| Erie & Pittsburgs, 3½s, July 1, 1940 | 50,000.00 |
| Fitchburg Railway 4s, March 1, 1927 | 5,000.00 |
| Fitchburg Railway, 5s, April 1, 1903 | 13,000.00 |
| Grand Rapids, Mich , 4½s, Oct. 1, 1903 | 5,000.00 |
| Grand Rapids, Mich., 4½s, Oct. 1, 1913 | 35,000.00 |
| Haverhill, Mass., 4s, Oct. 1, 1921 | 20,000.00 |
| Haverhill, Mass., 4s, Dec. 1, 1922 | 5,000.00 |
| Hyde Park, 4s, May 1, 1908 | 5,000.00 |
| Hyde Park, 4s, May 1, 1909 | 5,000.00 |
| Indianapolis, Ind., 4s, March 1, 1924 | 5,000.00 |
| Indianapolis, Ind., 3s, June 30, 1924 | 5,000.00 |
| Illinois Centrals, 3½s, July 1, 1951-3 | 10,000.00 |
| Illinois Centrals, 3s, Aug. 1, 1951 | 10,000.00 |
| Illinois Centrals, 3½s, July 1, 1953 | 17,000.00 |
| Joliett & No. Indianas, 7s, July 10, 1907 | 20,000.00 |
| Kansas City, St. Jo. & C. Bs., 7s, Jan. 1 1907 | 10,000.00 |
| Kansas City, St. Jo. & C. Bs., 7s, Jan. 1, 1907 | 8,000.00 |
| Kansas City, St. Jo. & C. Bs., 7s, Jan. 1, 1907 | 5,000.00 |
| Kansas City, St. Jo. & C. Bs., 7s, Jan. 1, 1907 | 10,000.00 |
| Kallamazoo, A. & G. Rs., 5s, Jan. 1, 1938 | 4,000.00 |
| Lynn, Mass., 4s, Jan. 1, 1922 | 5,000.00 |
| Lynn, Mass., 4s, Oct. 1, 1923 | 1,000.00 |
| Lynn, Mass., 4s, April 1, 1923 | 3,000.00 |
| Lynn, Mass., 4s, Sept. 1, 1908 | 6,000.00 |
| Milwaukees, Mich., 5s, July 2, 1906 | 20,000.00 |
| Maldens, Mass., 4s, May 1, 1924 | 5,000.00 |
| Maldens, Mass., 4s, May 2, 1925 | 20,000.00 |
| Maldens, Mass., 4s, Jan. 1, 1916 | 10,000.00 |
| Meriden, Conn., 4s, May 15, 1907 | 10,000.00 |
| Medfords, 4s, Aug. 1, 1918 | 30,000.00 |
| Milwaukee, Lake Shore & Western, 6s, May 1, 1921 | 22,000.00 |
| Milwaukee, Lake Shore & Western, Mich. Div., 6s, July 1, 1924 | 3,000.00 |
| Milwaukee, Lake Shore & Western, 5s, Feb. 1, 1929 | 19,000.00 |
| Middletown, Conn., 3½s, Dec. 1, 1921 | 5,000.00 |

| | | |
|---|---|---|
| New Bedfords, 4s, April 1, 1924 | 3,000.00 | |
| New Bedfords, 3½s, Oct. 1, 1906 | 30,000.00 | |
| New Bedfords, 4s, May 1, 1927 | 52,000.00 | |
| New Bedfords, 3½s, Feb. 1, 1928 | 3,000.00 | |
| New Bedfords, 3½s, Feb. 1, 1918 | 4,000.00 | |
| New Bedfords, 3½s, Feb. 1, 1919 | 7,000.00 | |
| New Britain, Conn., 4s, Aug. 1, 1908 | 25,000.00 | |
| New Britain, Conn., 4s, July 1, 1924 | 9,000.00 | |
| Newton, Mass., 4s, April 1, 1924 | 19,000.00 | |
| Newton, Mass., 4s, May 1, 1927 | 16,000.00 | |
| Newport, R. I., 4s, May 15, 1923 | 15,000.00 | |
| New York & New England, 6s, Jan. 1, 1905 | 25,000.00 | |
| New York & New England, 7s, Jan. 1, 1905 | 8,000.00 | |
| New York & New England, 6s, Jan. 1, 1905 | 1,000.00 | |
| Quincy, Mass., 4s, May 1, 1923 | 20,000.00 | |
| Saginaw, Mich., 5½s, Nov. 1, 1913 | 15,000.00 | |
| Saginaw, Mich., 4s, April 1, 1923 | 10,000.00 | |
| Saginaw, Mich., 4s, Dec. 1, 1919 | 10,000.00 | |
| St. Johnsbury & Lake Champlain, 5s, March 1, 1944 | 6,000.00 | |
| Tauntons, 4s, June 1, 1915 | 1,000.00 | |
| Tauntons, 4s, June 1, 1905 | 4,000.00 | |
| Tauntons, 4s, June 1, 1905 | 7,125 00 | |
| Tauntons, 4s, Dec. 1, 1915 | 2,000.00 | |
| Tauntons, 4s, June 1, 1906 | 19,000.00 | |
| Tauntons, 4s, June 1, 1907 | 4,000.00 | |
| Tauntons, 4s, June 1, 1903 | 15,000 00 | |
| Vermont & Massachusetts, 5s, May 1, 1903 | 7,000.00 | |
| Waltham, Mass., 4s, Jan. 1, 1907 | 3,000.00 | |
| Waltham, Mass., 4s, April 1, 1917 | 6,000.00 | |
| Waltham, Mass., 4s, Jan. 1, 1927 | 2,000.00 | |
| Wakefield, 4s, Oct. 1, 1918 | 9,000.00 | |
| Woonsocket, R. I., 4s, April 1, 1924 | 3,000.00 | |
| Worcester, Mass., 4s, July 1, 1928 | 17,000.00 | |
| City Institution for Savings, Lowell | 1,000.00 | |
| Charlestown Five Cents Savings Bank | 1,309.88 | |
| The Boston Five Cents Savings Bank | 1,334.14 | |
| New Bedford Institution for Savings | 1,322.79 | |
| New Bedford Five Cents Savings Bank | 1,405.44 | |
| Mechanics National Bank, deposits | 3,102.17 | |
| Investments at par, including deposits | | $1,044,399.42 |

## INVESTMENTS DURING THE YEAR TO JANUARY 1, 1903.

| | |
|---|---|
| Albany & Susquehanna Railway Co., 7s, at 112¾ | $5,000.00 |
| Albany & Susquehanna Railway Co., 6s, at 109⅛ | 4,000.00 |
| New York & New Englands, 7s, at 109.04 | 8,000.00 |
| New York & New England, 6s, at 106½ | 1,000.00 |
| Kansas City, St. Jo. & C. B., 7s, at 112.98 | 10,000.00 |
| Chicago, Burlington & Quincys, 3½s, at 98¼ | 6,000.00 |
| Albany & Susquehannas, 7s, at 110 79 | 10,000.00 |
| Kansas City, St. Jo. & C. Bs., 7s, at 112.98 | 5,000.00 |
| Erie & Pittsburgs, 3½s, at 103¼ | 50,000.00 |
| Chicago, Burlington & Quincys, 3½s, at 98¼ | 10,000.00 |
| Vermont & Massachusetts, 5s, at 100.47 | 7,000.00 |
| Fitchburg Railway, 5s, at 100.39 | 13,000.00 |
| Chicago, Burlington & Quincys, 4s, at 104 | 6,000.00 |
| Chicago, Burlington & Quincys, 3½s, at 98 | 3,000.00 |
| Illinois Centrals, 3½s, at 98½ | 17,000.00 |
| City of Tauntons, 4s, at par | 15,000.00 |
| Chicago, Burlington & Quincys, 3½s, at 96⅞ | 12,000.00 |
| | $182,000.00 |

## AMOUNT OF SINKING FUNDS AND LOANS SECURED BY SAME IN EACH CLASS.

| CLASS. | SINKING FUND. | LOANS. | WHEN DUE. |
|---|---|---|---|
| 3 | $27,224.05 | $30,000.00 | April 1, 1906 |
| 4 | 25,075.95 | 30,000.00 | Oct. 1, 1906 |
| 5 | 12,551.39 | 15,000.00 | April 1, 1907 |
| 8 | 26,826 15 | 35,000.00 | April 1, 1908 |
| 9 | 10,200.59 | 20,000.00 | April 1, 1918 |
| 10 | 30,091.09 | 43,000 00 | April 1, 1909 |
| 12 | 30,546.78 | 48,000.00 | April 1, 1910 |
| 14 | 32,799.04 | 57,000.00 | April 1, 1911 |
| 16 | 51,741.74 | 100,000.00 | April 1, 1912 |
| 18 | 11,542.78 | 100,000.00 | April 1, 1942 |
| 19 | 49,864.67 | 108,000.00 | April 1, 1913 |
| 20 | 149,593.88 | 162,000.00 | April 1, 1903 |
| 21 | 12,227.17 | 32,000.00 | April 1, 1914 |
| 22 | 72,547.55 | 89,000.00 | April 1, 1904 |
| 23 | 23,303.26 | 120,000.00 | April 1, 1924 |
| 24 | 179,346.17 | 1,200,000.00 | April 1, 1927 |
| 25 | 10,255.71 | 58,000.00 | April 1, 1925 |
| 26 | 16,974.68 | 24,000.00 | April 1, 1905 |
| 27 | 88,777 11 | 172,000.00 | Mar. 1, 1907 |
| 28 | 33,016.85 | 128,000.00 | Mar. 1, 1917 |
| 29 | 8,900.80 | 69,000 00 | Mar. 1, 1927 |
| 30 | 6,693.04 | 52,000.00 | May 1, 1927 |
| 31 | 3,747.99 | 35,000.00 | Feb. 1, 1928 |
| 32 | 19,479.74 | 92,000.00 | Feb. 1, 1918 |
| 33 | 26,271.26 | 62,000.00 | Feb. 1, 1908 |
| 34 | 36,163.23 | 108,000.00 | Feb. 1, 1909 |
| 35 | 5,022.71 | 30,000.00 | Feb. 1, 1919 |
| 36 | 2,762.51 | 33,000.00 | Feb. 1, 1929 |
| 37 | 24,892.22 | 200,000.00 | June 1, 1920 |
| 38 | 3,733.88 | 48,000.00 | June 1, 1930 |
| 39 | 2,346.65 | 28,000.00 | July 1, 1951 |
| 40 | 1,940.08 | 30,000.00 | Mar. 1, 1932 |
| 41 | 3,195 22 | 65,000.00 | Mar. 1, 1922 |
| 42 | 4,743.48 | 170,000.00 | Mar. 1, 1912 |
| | $1,044,399.42 | $3,593,000.00 | |

# SINKING FUNDS — CITY OF NEW BEDFORD.

## BALANCE SHEET—JANUARY 1, 1903.

| PAGE. | NUMBER. | DR. | CR. |
|---|---|---|---|
| 18 | Sinking Fund No. 3 | | $27,224.05 |
| 25 | 4 | | 25,075.95 |
| 28 | 5 | | 12,551.39 |
| 37 | 8 | | 26,826.15 |
| 40 | 9 | | 10,200.59 |
| 43 | 10 | | 30,091.09 |
| 49 | 12 | | 30,546.78 |
| 54 | 14 | | 32,799.04 |
| 59 | 16 | | 51,741.74 |
| 63 | 18 | | 11,542.78 |
| 65 | 19 | | 49,864.67 |
| 67 | 20 | | 149,593.88 |
| 73 | 21 | | 12,227.17 |
| 75 | 22 | | 72,547.55 |
| 77 | 23 | | 23,303.26 |
| 79 | 24 | | 179,346.17 |
| 81 | 25 | | 10,255.71 |
| 83 | 26 | | 16,974.68 |
| 87 | 27 | | 88,777.11 |
| 89 | 28 | | 33,016.85 |
| 91 | 29 | | 8,900.80 |
| 93 | 30 | | 6,693.04 |
| 94 | 31 | | 3,747.99 |
| 95 | 32 | | 19,479.74 |
| 96 | 33 | | 26,271.26 |
| 98 | 34 | | 36,163.23 |
| 100 | 35 | | 5,022.71 |
| 102 | 36 | | 2,762.51 |
| 104 | 37 | | 24,892.22 |
| 106 | 38 | | 3,733.88 |
| 110 | 39 | | 2,346.65 |
| 111 | 40 | | 1,940.08 |
| 112 | 41 | | 3,195.22 |
| 113 | 42 | | 4,743.48 |
| 115 | Bond Account | $1,034,925.00 | |
| 72 | Savings Bank Account | 6,372.25 | |
| 10 | Deposits | 3,102.17 | |
| | | $1,044,399.42 | $1,044,399.42 |

Respectfully submitted,

JAMES H. HATHAWAY,

Treasurer of the Sinking Funds.

# Report

OF THE

# Commissioners of the Sinking Funds.

---

CITY OF NEW BEDFORD MASS.,
TREASURER'S OFFICE,
January 1, 1903.

*To the City Council of the City of New Bedford:*

GENTLEMEN :—At a meeting of the Commissioners of Sinking Funds of the City of New Bedford, held this day, it was

VOTED—To adopt the foregoing statement of the Treasurer of the Sinking Funds as the report of the Commissioners of the Sinking Funds of the City of New Bedford, required by the Statutes of Massachusetts, to be made annually to the City Council.

MORGAN ROTCH,
WILLIAM A. MACKIE,
BENJAMIN F. BROWNELL,
Commissioners of the Sinking Funds.

We have examined the foregoing account and find it correct.

WM. E SMITH,
ROBERT L. BAYLIES,
JOSEPH L. GIBBS,
Sub-committee on Finance to examine the Treasurer's Accounts, also the Collector's and Auditor's.

IN BOARD OF ALDERMEN,
April 23, 1903.

Received, ordered printed in the City Documents and sent down for concurrence.

D. B. LEONARD, City Clerk.

---

IN COMMON COUNCIL,
April 23, 1903.

Concurred.

W. H. B. REMINGTON, Clerk.

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1903. CITY DOCUMENT No. 9.

# ANNUAL REPORT

OF THE

# CHIEF OF POLICE

OF THE

CITY OF NEW BEDFORD

FOR THE YEAR ENDING DECEMBER 31ST,
1902.

NEW BEDFORD, MASS.
THE A. E. COFFIN PRESS, CITY PRINTERS.
1903.

# Annual Report.

---

NEW BEDFORD, MASS.
DECEMBER 31, 1902

*To His Honor the Mayor, and Gentlemen of the City Council:*

GENTLEMEN—I have the honor to submit herewith, the annual report of the condition and doings of the Police Department, for the year ending Dec. 31st, 1902.

This department, at present, consists of the following :—

| | | | |
|---|---|---|---|
| Chief | 1 | Emergency officer | 1 |
| Captains | 2 | Harbor police | 1 |
| Lieutenants | 9 | Wagonmen | 2 |
| Inspectors | 2 | Drivers | 2 |
| Sergeants | 4 | Houskeepers | 10 |
| Patrolmen | 76 | Matron | 1 |
| Clerk | 1 | Janitor | 1 |
| | | Total | 113 |

## NUMBER OF ARRESTS DURING THE YEAR, 2,357.

Arrests by months:—

| | | | |
|---|---|---|---|
| January | 173 | Males | 2,035 |
| February | 157 | Females | 322 |
| March | 187 | Americans | 1,068 |
| April | 182 | Foreigners | 1,289 |
| May | 227 | Non-residents | 479 |
| June | 186 | Minors | 223 |
| July | 195 | Commitments | 1,240 |
| August | 264 | Arrests on Warrants | 512 |
| September | 212 | | |
| October | 212 | | |
| November | 194 | | |
| December | 168 | | |

| | |
|---|---|
| Arrests in 1896 | 2,104 |
| " 1897 | 2,089 |
| " 1898 | 1,852 |
| " 1899 | 2,237 |
| " 1900 | 1,875 |
| " 1901 | 2,063 |
| " 1902 | 2,357 |

## AMOUNT OF FINES IN THIRD BRISTOL DISTRICT COURT, $5,242.24

| | | | |
|---|---|---|---|
| 1st Quarter | $1,067.74 | 3rd Quarter | $1,546.50 |
| 2nd " | 1,457.00 | 4th " | 1,171.00 |

| | |
|---|---|
| Fines in 1896 | $7,885.76 |
| " 1897 | 7,084.60 |
| " 1898 | 6,089.66 |
| " 1899 | 5,141.09 |
| " 1900 | 4,663.28 |
| " 1901 | 4,319.89 |
| " 1902 | 5,242.24 |

## LODGERS.

Number of lodgers during the year, 719

| | |
|---|---|
| Males | 709 |
| Females | 10 |
| Americans | 480 |
| Foreigners | 239 |
| Non-residents | 701 |
| Minors | 12 |

## NATIVITY OF LODGERS.

| | |
|---|---|
| United States | 480 |
| British Provinces | 8 |
| Canada | 17 |
| Denmark | 1 |
| England | 66 |
| Ireland | 117 |
| Italy | 1 |
| Germany | 3 |
| Poland | 1 |
| Portugal | 5 |
| Scotland | 13 |
| Sweden | 7 |

## NATIVITY OF PRISONERS.

| | |
|---|---|
| Africa | 2 |
| Australia | 1 |
| Austria | 18 |
| British Provinces | 43 |
| Canada | 295 |
| China | 1 |
| England | 287 |
| Finland | 6 |
| France | 1 |
| Germany | 23 |
| Greece | 4 |
| Ireland | 296 |
| Italy | 11 |
| Norway | 3 |
| Poland | 64 |
| Portugal | 148 |
| Russia | 18 |
| Scotland | 39 |
| Spain | 1 |
| Sweden | 18 |
| St. Helena | 1 |
| Turkey | 2 |
| United States | 1,068 |
| Wales | 2 |
| West Indies | 5 |

OFFENCES.

| | |
|---|---|
| Adultery | 5 |
| Assault and Battery | 206 |
| Assault felonious | 2 |
| Armed with weapon | 2 |
| Arson | 3 |
| Attempt to break and enter | 5 |
| Attempt to rape | 1 |
| Attempt to utter counterfeit money | 1 |
| Bastardy | 10 |
| Breaking and entering and larceny | 15 |
| Begging | 8 |
| Concealing leased property | 2 |
| Contempt of Court | 7 |
| Cruelty to dumb animals | 2 |
| Defrauding boarding-house | 1 |
| Dealing in junk without license | 1 |
| Disturbing the peace | 135 |
| Drunkenness | 1,529 |
| Deserters | 2 |
| Fast driving | 1 |
| Forgery | 1 |
| Fornication | 2 |
| Fugitive from justice | 1 |
| Idle and disorderly | 42 |
| Indecent exposure | 3 |
| Impersonating officer | 2 |
| Illegal sale of liquor | 2 |
| Insane | 29 |
| Keeping common nuisance | 1 |
| Keeping liquor with intent to sell | 5 |
| Keeping noisy and disorderly house | 2 |
| Kidnapping | 1 |
| Larceny | 126 |
| Larceny felonious | 1 |
| Lewd and lacivious cohabitation | 2 |
| Maliciously drawing water from a pond | 3 |
| Malicious mischief | 2 |
| Neglected children | 3 |
| Night walking | 16 |
| Non-support | 49 |
| Obstructing officer | 10 |
| Obstructing sidewalk | 3 |

| | |
|---|---|
| Obtaining goods under false pretence | 1 |
| Peddling without license | 1 |
| Rape | 1 |
| Receiving stolen goods | 1 |
| Robbery | 3 |
| Stealing a ride | 1 |
| Stubborn children | 10 |
| Threatening bodily harm | 14 |
| Sending obscene letters | 1 |
| Unlawfully using boat | 2 |
| Using profane language | 1 |
| Vagrants | 19 |
| Violating bicycle law | 1 |
| Violating food law | 18 |
| Violating plumbing law | 1 |
| Violating oleomargarine law | 1 |
| Violating druggists law | 2 |
| Violating medical law | 1 |
| Violating City ordinances | 4 |

PRIMARY DISPOSITION OF CASES.

| | |
|---|---|
| Fined | 1,478 |
| Sentenced to penal institutions | 276 |
| Continued | 320 |
| Continued on probation | 58 |
| Laid on file | 29 |
| Nolle prossed | 11 |
| Probably guilty | 30 |
| Not guilty and discharged | 34 |
| Released without arrangement by the Court | 47 |
| Ordered to give bonds to keep the peace | 5 |
| Complaints dismissed | 1 |
| Bailed and defaulted | 17 |
| Default stricken off | 1 |
| Bailed to appear in other jurisdictions | 4 |
| Delivered to out of town officers | 15 |
| Defendant married | 1 |
| Died in lockup | 1 |
| Committed to insane hospitals | 29 |

Of the above 602 paid fines; 1,240 were committed, and 95 appealed.

## MISCELLANEOUS BUSINESS.

| | |
|---|---|
| Accidents | 14 |
| Amount of property reported stolen in city | $2,879.21 |
| Amount of property recovered | 1,548.81 |
| Animals impounded | 22 |
| Buildings found open and secured | 188 |
| Bicycles found | 64 |
| Cases investigated | 6,864 |
| Dangerous buildings reported | 1 |
| Dangerous dogs reported | 3 |
| Dangerous wires reported | 59 |
| Defective fire alarm boxes | 3 |
| Defective police boxes | 3 |
| Defective lamps | 40 |
| Defective streets and sidewalks | 276 |
| Defective naptha lamps | 3,579 |
| Defective gas lamps | 1,240 |
| Defective hydrants | 4 |
| Defective water pipes | 11 |
| Dead bodies found | 3 |
| Disturbances suppressed | 533 |
| Dog notices served | 136 |
| Dogs killed | 17 |
| Fire alarms given | 17 |
| Fires extinguished without alarm | 12 |
| Fire alarm boxes found open | 1 |
| Intoxicated persons helped home | 3 |
| Lost children found and returned | 272 |
| Liquor search warrants served | 3 |
| Rescued from drowning | 1 |
| Notices served | 68 |
| Street obstructions reported | 12 |
| Street obstructions removed | 8 |
| Stray teams picked up | 31 |
| Stray teams put up | 16 |
| Sick and injured persons assisted | 20 |
| Water reported running to waste | 71 |
| Horses found cast | 5 |
| Hours of extra duty | 1,734 |
| Electric street lights out | 853 |
| Gas street lights out | 1,249 |
| Naptha street lights out | 4,297 |
| Ambulance calls | 275 |

# ROSTER OF THE FORCE.

CHIEF :

HENRY W. MASON

CAPTAINS :

TIMOTHY C. ALLEN. JAMES L. WILBER.

INSPECTORS :

GEORGE E GENDRON FRANKLIN L. HATHAWAY

LIEUTENANTS :

| | |
|---|---|
| SETH E. BRYANT | THOMAS W. COMSTOCK |
| THOMAS FAY | ARTHUR H. JONES |
| CHARLES L. McBAY | JOHN C. PARKER |
| THOMAS C. TAFT | JOSEPH B. WING |

COURT AND COMMITTING OFFICER :

LIEUT. LEMUEL D. ADAMS

CLERK :

HENRY N. WEST

SERGEANTS :

| | |
|---|---|
| CHARLES C. GIFFORD | EDMUND FOLEY |
| WILLIAM E. ROSCOE | WILLIS C. UNDERWOOD |

POLICE MATRON :

MRS. SARAH M. BROWNELL

| PATROLMEN | AGE | YEARS OF SERVICE |
|---|---|---|
| Aldrich, Oscar F. | 53 | 7½ |
| Allen, Edgar W. | 48 | 15 |
| Allen, Edward | 39 | 9½ |
| Allen, Robert N. | 58 | 8¼ |
| Allen, Charles E. | 34 | ½ |
| Almond, Walter | 40 | 10½ |
| Almond, William, Jr. | 32 | 8 |
| Atwood, William W. | 37 | 8 |
| Benoit William R. | 30 | ½ |
| Callanan, Thomas F. | 48 | 11 |
| Cannavan Patrick | 65 | 34 |
| Church Charles B. | 31 | 5 |
| Clark, Ulysses L. | 44 | 9½ |
| Clough, George H. | 55 | 5½ |
| Cole, William T. | 33 | 6½ |
| Cowing, William J. | 46 | 8 |
| Cox, James M. | 37 | 10 |
| Dahoney, Thomas | 44 | 12½ |
| Daley, Jeremiah E. | 32 | 7½ |
| Demers, Frank E. | 42 | 10 |
| Deneen, Daniel | 40 | 9½ |
| Dodds, James | 49 | 10½ |
| Doherty, Edward P. | 36 | 6 |
| Durant, Lawrence J. | 33 | ½ |
| Earley, Edward C. | 37 | 6 |
| Eldridge, Washington A. | 59 | 21 |
| Fowler, William | 38 | 6 |
| Gibbs, Nathanel F. | 34 | ½ |
| Hafford, Stephen Jr. | 45 | 2 |
| Harrington, Daniel | 36 | ½ |
| Holloway, Arod B. | 40 | ½ |
| Howland William A. E. | 35 | 6½ |
| Humphrey, Daniel J. | 61 | 24 |
| Ivey James A. | 46 | 12 |
| Karcher, Frederick | 42 | ½ |
| Kenney, Patrick | 48 | 8 |
| Lawrence, George R. | 45 | 6½ |
| Lee, Allen L. | 69 | 18½ |
| Loftus, Anthony | 35 | ½ |
| Lother, George H. | 43 | 6 |
| McCarthy, Jeremiah | 43 | 10½ |

| | | |
|---|---|---|
| McDonald Daniel | 40 | 6 |
| McDonnell, James | 34 | 6½ |
| McDonnell, Patrick | 32 | 10 |
| McEnnis, Robert B. | 46 | 8 |
| McLeod, Samuel D. | 35 | 8 |
| Meehan Daniel | 55 | 5 |
| Mosher Albert E. | 28 | ½ |
| Murphy, Cornelius J. | 57 | 22 |
| Nickerson, Charles F. | 29 | 2 |
| Nye, Frederick L. | 34 | ½ |
| Oliver John F. | 38 | 9½ |
| Pinkham George W. | 46 | 9½ |
| Raymond, Hiram E. | 48 | 10½ |
| Remington, Frank L. | 36 | 7½ |
| Ricketson, Harrison D. | 36 | 8 |
| Rooks, John C. | 45 | 16½ |
| Rooks, Albert H. | 36 | ½ |
| Russell, Eugene F. | 52 | 9½ |
| Savage James W. | 40 | 8 |
| Sharples, Smith | 33 | 1½ |
| Smith, Andrew J. | 59 | 9½ |
| Smith Charles F. | 46 | 8 |
| Spooner John C. | 29 | ½ |
| Stow, Harry D. | 46 | 8 |
| Sullivan, James H. | 38 | 2 |
| Sullivan Timothy | 54 | 27 |
| Sweeney Daniel P. | 40 | 12 |
| Sylvia, Frank W. | 36 | 7½ |
| Taber, Jeremiah M. | 44 | 11½ |
| Tripp, Chester L. | 43 | 2 |
| Vogel, Robert F. | 33 | 6 |
| Welch, William | 30 | ½ |
| Willis, Rufus H. | 65 | 5 |
| Winslow, George F. | 65 | 5 |
| Wixon, James A. | 61 | 31 |

EMERGENCY OFFICER

| | | |
|---|---|---|
| Patrick Kennedy | 67 | 19½ |

WAGON MEN

| | | |
|---|---|---|
| John M. Jones | 60 | 17 |
| George W. Paige | 56 | 22 |

DRIVERS

| | | |
|---|---|---|
| William M. Ryan | 35 | 6 |
| Edward F. Jennings | 63 | 17 |

HOUSEKEEPERS

| | | |
|---|---|---|
| Arnett, Henry | 56 | 12 |
| Arnett, James | 63 | 26 |
| Dayton, Luther M. | '77 | 46 |
| Manchester, John B. | 65 | 17 |
| Mitchell, William H | 75 | 18 |
| Stevens, Henry | 68 | 27 |
| Vogel, George | 64 | 18 |
| Wilson, Thomas H. | 66 | 16 |
| Jones, Isaac M. | 72 | 33 |
| Robbins Charles H. | 81 | 23 |

HARBOR POLICE

| | | |
|---|---|---|
| Sisson, Joseph De. L. | 78 | 24 |

JANITOR

Drew, Moses C.

RESERVE POLICE FORCE.

Ashley, Henry T.
Brightman, Ellery E.
Breault, Narcisse A.
Caswell, Charles A.
Cushing, William S.
Daley Charles F.
Downey, Daniel
Dupuis, Wilfred H.
Gay, Harry M.
Hayden, Abram L.
Henderson, Joseph C.
Horton, Eliphalet M.
Hynes, Edward A.
Lamott, Benjamin
Mack, Thomas E.
Murdy, Robert H.
Place, Joseph A.
Ratcliffe, Robert B.
Sullivan, Matthew
Williams, Benjamin F.
Wilcox, Seth A.

## APPOINTMENTS.

On April 10th, the following named persons, having served a probationary term of six months, were confirmed as members of the Reserve Police Force in accordance with the Civil Service Rules of the Commonwealth, viz:

Charles A. Caswell
Harry M. Gay
Charles F. Daley
Thomas E. Mack
William S. Cushing
Edward A. Haynes

On May 16th, the following named persons, members of the Reserve Police Force, were appointed Regular Police Officers of the City of New Bedford, viz:

Albert E. Mosher
Albert H. Rooks
Lawrence J. Durant
Charles E. Allen
Frederick L. Nye
Arod B. Holloway
William Welch
John C. Spooner
Anthony Loftus
Nathaniel F. Gibbs
Daniel Harrington
Frederick Karcher

On May 16 the following named persons were appointed members of the Reserve Police Force, to serve a probationary term of six months, in accordance with the civil service rules of the Commonwealth, viz.:

Matthew Sullivan
Abram L. Hayden
Benjamin F. Williams, Jr.
Ellery E. Brightman
Wilfred H. Dupuis
Daniel Downey
Joseph C. Henderson
Joseph A. Place
Robert H. Murdy
Narcisse A. Breault
Benjamin Lamott
Henry T. Ashley
Eliphalet M. Horton

### RESIGNED.

Frank Enos, April 24
John Hutchinson, July 19

# In Memoriam.

CHANCELLOR KENT,
Died Jan. 1, 1902,
Aged 64 years, 5 months.

JOHN D. SULLIVAN,
Died Feb. 18, 1902,
Aged 54 years, 1 month, 22 days.

GEORGE P. GIFFORD,
Died April 2, 1902,
Aged 58 years, 3 months, 17 days.

HENRY W. RHODES,
Died July 9, 1902,
Aged 50 years, 2 days.

EDWARD McCARTHY,
Died Dec. 25, 1902,
Aged 39 years, 10 months, 28 days.

## SIGNAL CALLS.

| | |
|---|---|
| Duty calls | 374,548 |
| Telephone calls | 36,348 |
| Wagon calls | 1,218 |
| Ambulance calls | 275 |

## WOMEN'S LOCKUP.

| | |
|---|---|
| Number of prisoners | 280 |
| Lost children | 12 |
| Number of insane | 8 |
| Lodgers | 17 |
| Total | 317 |

MRS. SARAH M. BROWNELL, Matron.

To His Honor the Mayor, and Committee on Police, I hereby extend thanks for courtesy and kindness accorded me on all occasions.

Respectfully,

HENRY W. MASON,
Chief of Police.

In Board of Aldermen,
May 28, 1903.

Received, ordered printed in the City Documents and sent down for concurrence.

D. B. LEONARD, City Clerk.

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In Common Council,
May 28, 1903.

Concurred.

W. H. B. REMINGTON, Clerk.

1903. CITY DOCUMENT No. 10.

# ANNUAL REPORT

OF THE

# SUPERINTENDENT OF STREETS

OF THE

## City of New Bedford

TO THE
CITY COUNCIL

FOR THE YEAR 1902

NEW BEDFORD, MASS.
THE A. E. COFFIN PRESS, CITY PRINTERS.
1903.

# 1902.

## NEW BEDFORD, MASS.

---

Population, assessors' estimate, 68,800.

Valuation, $62,561,811.00.

Area, about 19⅓ square miles.

139.53 miles of accepted streets.

Two bridges over the Acushnet river; old New Bedford and Fairhaven bridge replaced by new bridge, 70 feet wide and 9-10 miles long; completed, but cost not yet apportioned; ¾ Coggeshall Street bridge maintained by New Bedford.

4.458 miles of stone block paving, an area of 56,476 square yards.

0.617 miles of asphalt block paving, an area of 9,929 square yards.

0.35 miles of sheet asphalt paving, an area of 10,891 square yards.

0.272 miles of brick paving, an area of 8,231 square yards.

13.98 miles of cobble paving, an area of 178,064 square yards.

60.79 miles of macadam paving, an area of 755,778 square yards.

0.306 miles of bituminous macadam, an area of 4,426 square yards.

95.725 miles of curbing.

34.43 miles of flag sidewalk, an area of 103,518 square yards.

34.13 miles of concrete sidewalk, an area of 151,567 square yards.

3.09 miles of granolithic sidewalk, an area of 15,256 square yards.

66.923 miles of sewer, 8 to 72 inches diameter.

$1,026,909.58 cost of sewer system to date.

903 catch-basins.

113 eyeholes.

641 manholes.

27 sewer outlets into Acushnet river.

3 sewer outlets into the lower harbor.

7 sewer outlets into Clarks Cove.

## APPROPRIATIONS AND EXPENDITURES, 1902.

| | Appropriation. | Expenditures. |
|---|---|---|
| Highways and streets | $155,000.00 | $145,239.84 |
| General sewers | 17,000.00 | 11,790.64 |
| Coggeshall street bridge, No. 1 | 600.00 | 193.10 |
| *Coggeshall street bridge, No. 2 | 5,500.00 | |
| * **Widening Acushnet ave., Howard ave. to Lund's corner | 3,044.75 | 1,461.83 |
| Block paving So. Water street, Cove to Union | 15,000.00 | 15,742.14 |
| Protection shade trees | 3,500.00 | 2,727.51 |
| Layout Chancery street | 998.80 | 998.80 |
| *Layout Reynolds street | 600.00 | |
| | $201,243.55 | $178,153.86 |
| *Bay and Dartmouth streets sewer | $500.00 | $299.75 |
| Briggs street sewer | 700.00 | 444.18 |
| *Chepatchet street sewer | 3,599.00 | |
| *Cleveland street sewer | 800.00 | 707.82 |
| Davis street sewer | 3,000.00 | 2,339.82 |
| Front and Tinkham streets sewer | 1,200.00 | 871.91 |
| Hemlock street sewer, No. 1 | 450.00 | 329.17 |
| Hemlock street sewer, No. 2 | 300.00 | 260.29 |
| Liberty street sewer | 3,067.53 | 3,067.53 |
| North street sewer | 1,100.00 | 809.30 |
| Peckham street sewer | 1,000.00 | 764.84 |
| Phillips avenue sewer | 6,400.00 | 4,240 38 |
| Ruth street sewer | 1,200.00 | 1,057.01 |
| Trinity street sewer | 800.00 | 551.66 |
| So. Water street sewer | 1,858.87 | 1,858.87 |
| Weld street sewer | 2,271.80 | 2,271.80 |
| Willard and Valentine streets sewer | 3,600.00 | 2,924.73 |
| Woodlawn street sewer | 2,400.00 | 2,064 35 |
| | $235,490.75 | $203,017.27 |

*Carried forward to 1903.
**Brought forward from 1901.

## HIGHWAYS AND STREETS.

| Year. | Net Expenditure Appropriation for Year. | New Work. | Maintenance and Repairs. | Stock on hand Decreased. | Stock on hand Increased. |
|---|---|---|---|---|---|
| 1897 | $164,834.32 | $92,759.88 | $66,718.78 | | $5,355.66 |
| 1898 | 181,334.62 | 96,618.76 | 83,876.67 | | 839.19 |
| 1899 | 146,893.75 | 74,858.45 | 75,694.38 | $3,659.08 | |
| 1900 | 142,732.05 | 83,024.10 | 60,023.46 | 315.51 | |
| 1901 | 164,051.42 | 97,152.15 | 65,101.36 | | 1,797.91 |
| 1902 | 151,157.96 | 84,781.86 | 63,808.83 | 2,567.27 | |

## GENERAL SEWERS.

| Year. | Net Expenditure Appropriation for Year. | New Work. | Maintenance and Repairs. | Stock on hand Decreased. | Stock on hand Increased. |
|---|---|---|---|---|---|
| 1897 | $14,677.22 | $4,585.35 | $11,913.45 | $1,821.58 | |
| 1898 | 16,892.88 | 6,888.99 | 10,103.68 | 99.79 | |
| 1899 | 10,589.99 | 3,857.73 | 7,405.53 | 673.27 | |
| 1900 | 11,773.41 | 3,043.52 | 8,584.22 | | $145.67 |
| 1901 | 15,660 28 | 6,570.64 | 7,674.02 | | 1,415.62 |
| 1902 | 11,790.64 | 4,643.52 | 6,493.47 | 653.65 | |

# Report of Superintendent.

OFFICE OF SUPERINTENDENT OF STREETS,
ODD FELLOWS' BUILDING,
January 1, 1903.

*To the City Council of the City of New Bedford:*

GENTLEMEN:—In compliance with ordinances passed June 26th, 1902, the annual report of the work of the departments under my charge for the year ending Nov. 29th, 1902, is herewith submitted.

The Board of Public Works was abolished on the eleventh day of July, and the control of these departments passed into the hands of the City Council. This necessitated some changes in the clerical arrangements, but did not affect the routine work of the departments.

The tables, giving in detail the work done and the cost, form the bulk of this report.

There are some matters and a few suggestions which I think may properly at this time be called to your attention. It will be noticed that the cost of most work is considerably more than in previous years. This is largely due to the fact that a decided increase in wages went into effect August 4th, making the labor cost greater than before, but the increase is also due to a general advance in the price of nearly all supplies. The cost of work will no doubt be still greater for 1903, as the increase of wages did not take place until eight months of the year 1902 had passed.

In the case of concrete sidewalks, the cost has jumped from 54 cents in 1901 to 73 cents in 1902, and will be still more in 1903. The city's price for concrete has been 50 cents per yard, but I would recommend that for 1903 it be made 75 cents per yard.

At this time it seems proper to call attention to the advantages of granolithic for sidewalk construction. It is better and less expensive than flagging, and in the end is more economical than concrete. While the city found it necessary to abandon the use of four-foot concrete walks on account of the crumbling and breaking of the edges, no trouble of this kind would occur with granolithic, there being no necessity for a curb or wall to hold the edges. In many of our streets a 4½ foot granolithic walk would be amply wide for all the requirements of travel, would allow space for trees, telephone poles and hitching posts, and for a well kept border of grass. Basing the estimate of cost on the figures for 1902, a 9½ foot concrete walk costs per linear foot 77 cents; a 4½ foot granolithic walk would cost per linear foot 84 cents.

I would suggest that hereafter petitioners for sidewalks be allowed to state their preference for either a full width concrete or a 4½ foot granolithic, and that it be left to the aldermen to determine which shall be laid, the betterment charge in each case to be 40 cents per linear foot.

Another matter to which your attention is invited is that of street cleaning, the increase in the cost of which has for a number of years been constant and rapid. The cost this year is more than double what it was four years ago. It is more than double the cost of collecting ashes, and is just about equal to the total cost of macadam for the year, including the entire cost of the three crushing plants.

In spite of this large outlay, it cannot be said that our streets are kept clean. Complaints of dirty streets come to the department daily, and the Superintendent is

usually only too well aware of the justice of these complaints.

Here is a case where a fair amount of co-operation on the part of citizens would aid materially in securing more nearly satisfactory conditions, and save to the city expense which results in no permanent form of improvement.

A village improvement society may find it an easy matter to regulate the conduct of a small community, but it is difficult to secure general co-operation in a city of seventy thousand.

It is not necessary to specify the many and senseless ways in which people help to litter the streets with useless rubbish. A more thorough appreciation of the uses of an ash barrel or rubbish can is what is wanted.

As the city grows, certain main thoroughfares have to sustain a largely increased amount of traffic, and as this is the factor which mainly determines the best form of pavement, it often becomes desirable to replace one pavement with another of a more durable nature. A number of our streets have now reached that condition where improved pavement is desirable.

Pleasant street, for instance, is the main thoroughfare for all kinds of driving and teaming by direct route through the city, and we should as fast as possible replace macadam pavement between Elm and Linden streets with something more durable, consideration being given to the desirable features of sheet asphalt, block asphalt, bituminous macadam, brick and granite block.

There are a number of other streets that should be similarly improved as soon as conditions admit.

Further recommendations will no doubt be brought to the attention of the Aldermen during the year.

Respectfully submitted,

C. F. LAWTON.

## STREETS ACCEPTED.

| Street. | Location. | Width. Feet. | Length. Feet. |
|---|---|---|---|
| Ashland | Clark to Penniman | 40 | 181.78 |
| Ashland | Penniman to Peckham | 50 | 594.06 |
| Austin | Shawmut ave. to Oak Grove Cemetery | 40 | 538.67 |
| Briggs | Rivet to Thompson | 50 | 433.24 |
| Chancery | Sycamore to Smith | 40 | 234.08 |
| Cleveland | David to Ruth | 50 | 517.05 |
| Clover | Grape to Allen | 50 | 389.77 |
| David | E. French ave. to Brock ave. | 50 | 1,791.33 |
| Field | Matthew to Stowell | 50 | 370.25 |
| Hyacinth | 123.04 so. of Thompson to Thompson | 40 | 123.04 |
| Jenny Lind | Milton to 302.7 ft. north | 50 | 302.70 |
| Linden Court | Austin st. to Ashland place | 20 | 112.40 |
| Manomet | Harbor line to Riverside ave. | 40 | 430.00 |
| Mt. Pleasant Lane | Mt. Pleasant to Vine | 20 | 335.76 |
| Reynolds | Peckham to Adams | 50 | 509.88 |
| Riverside ave. | Earle st. to Belleville road | 50 | 2,229.20 |
| Tallman | Front st. to Acushnet ave. | 50 | 328.89 |
| Tinkham | Front st. to Acushnet ave. | 50 | 389.80 |
| Trinity | Bullock st. to Shawmut ave. | 40 | 410.25 |
| Waverly | Allen north 217.57 ft. | 40 | 217.57 |
| Wood | Acushnet ave. to Bowditch | 50 | 2,666.39 |
| | Total 13,106.11 feet, or 2.482 miles | | 13,106.11 |

## MACADAM, NEW.

| Street. | Location. | Length. | Area Sq. Yds. | Cost. |
|---|---|---|---|---|
| Adams | County and Mt. Pleasant | 1,618.0 | 4,135.0 | $1,825.23 |
| Bedford | Sixth and Greene | 649.0 | 1,053.8 | 496.94 |
| Bethel | Union and William | 222.6 | 445.2 | 264.37 |
| Crapo | Rivet and Rockland | 754.5 | 1,509.0 | 649.50 |
| Division | County and Crapo | 1,068.0 | 2,136.0 | 900.64 |
| Elm | Park and Liberty | 366 0 | 784.0 | 415.47 |
| Hicks | Front st. and Acushnet ave. | 835.0 | 1,670.0 | 689.46 |
| Katherine | County and Crapo | 900.0 | 2,400.0 | 1,182.22 |
| Kempton | Square at Park | 40.0 | 145.5 | 80.73 |
| Leonard | Cross and Water | 300.0 | 666.7 | 178.92 |
| Liberty | Court and Kempton | 1,044.0 | 2,112.4 | 663.06 |
| Maxfield | Cottage and Spruce | 140.0 | 280.0 | 59.63 |
| Mosher | County and Crapo | 1,022.0 | 2,725.3 | 1,084.15 |
| Mt. Vernon | Mt. Pleasant and Vine | 380.0 | 717.7 | 377.68 |
| North | Square at Chestnut | 20.0 | 44.4 | 68.74 |
| Peckham | County and Myrtle | 810.0 | 2,199.7 | 1,068.11 |
| Rotch* | Hawthorn and Court | | | 33.79 |
| Sawyer** | East of Mitchell | 834.2 | 2,267.2 | 29.58 |
| Second | Cove and Division | 636.0 | 1,440.0 | 744.41 |
| Spruce | Maxfield and Sycamore | 321.0 | 664.0 | 277.98 |
| Vine | Durfee and Mt. Vernon | 974.0 | 1,839.8 | 854.66 |
| Winsor* | County and Crapo | | | 450.93 |
| | | 12,934.3 | 29,235.7 | $12,396.20 |

*Begun in 1901.
**Cost incomplete.

| | |
|---|---|
| Cost per square yard | $ .440 |
| Cost per foot | .981 |
| Average tons of stone per square yard | .346 |

## MACADAM REBUILT.

| Street. | Location. | Length. | Area. | Cost. |
|---|---|---|---|---|
| Acushnet ave. | Sawyer st. and Coffin ave. | 1,663.0 | 4,065 1 | $1,276.78 |
| County | Rockland and South | 463.0 | 1,423.0 | 457.15 |
| Eighth | William and Mechanics Lane | 167.0 | 334.0 | 123.54 |
| Fifth | Madison and Walnut | 288.0 | 631.0 | 150.29 |
| First | School and Spring | 166.0 | 332.0 | 189.78 |
| Grinnell | Second st. and Acushnet ave. | 198.0 | 385.0 | 164.80 |
| Hawthorn | Cottage and Ash | 579.0 | 1,158.0 | 359.26 |
| Hillman | Square at Chestnut | 40.0 | 141.2 | 80.49 |
| | (new) | 20.0 | 44.4 | |
| Madison | First st. and Acushnet ave. | 277.6 | 534.1 | 119.76 |
| Mill | Summer and Chestnut | 241.8 | 535.2 | 194.71 |
| Sawyer | Bowditch and Purchase | 727.0 | 1,858.0 | 907.40 |
| Second | Potomska to north of Cannon | 1,962.0 | 4,023.0 | 1,760.08 |
| Smith | Cottage and Cedar | 326.0 | 652.0 | 160.26 |
| South | County and Summer | 352.5 | 705.0 | 302.46 |
| Weld | Purchase and Pleasant | 240.0 | 480.0 | 171.91 |
| | | 7,710.9 | 17,301.0 | $6,418.67 |

| | |
|---|---|
| Cost per square yard | $ .370 |
| Cost per foot | .832 |
| Average tons of stone per square yard | .213 |

## MACADAM REPAIRED.

Total cost, $1,054.15

## PAVING, NEW.

| Street. | Location. | Asphalt Block. | | Granite Block. | | Cobble. | | Cost. |
|---|---|---|---|---|---|---|---|---|
| | | Length. Feet. | Area. Sq. Yds. | Length. Feet. | Area. Sq. Yds. | Length. Feet. | Area. Sq. Yds. | |
| *Acushnet ave. | E. S., no. Howard ave. | | | | | | 158.2 | $69.46 |
| Front | At Middle | | | 72 | 334.3 | | | 969.38 |
| No. Oak | North of Pope | | | | | 17 | 45.3 | 23.14 |
| Purchase | Union and Elm | 707 8 | 1,834.94 | | | | | 4,735.30 |
| **Purchase | North of Weld | | | 170 | 538.9 | | | 1,191.51 |
| Water | South and Coffin | | | 2,112.7 | 5,732.7 | | | 15,742.14 |
| | | 707.8 | 1,834.94 | 2,354.7 | 6,605.9 | 17 | 203.5 | $22,730.93 |

*Paid under widening Acushnet ave.
**Paid partly by Union Street Railway Co.

| | |
|---|---|
| Total cost of granite block paving | $17,903.03 |
| Cost per square yard concrete foundation | 2.75 |
| Total cost asphalt | 4,735.30 |
| Cost per square yard | 2.58 |
| Total cost of cobble paving | 92.60 |
| Cost per square yard | .455 |

## PAVING REPAIRED.

| | |
|---|---|
| Cobble paving | $2,256.47 |
| Block paving | 32.78 |

## FILLING AND GRADING.

| STREET. | LOCATION. | COST. |
|---|---|---|
| Abbott | | $151.69 |
| Adams | West of County | 981.38 |
| Ashland | Clark and Peckham | 206.12 |
| Ashley | South of Ruth | 218.42 |
| Bay | Cottage and Dartmouth | 101.34 |
| Belleville ave. | Coffin ave. and Tarkiln Hill road | 146.80 |
| Bowditch | North of Nash road | 1,472.30 |
| Brock ave. | South of W. French ave. | 231.44 |
| Briggs | South of Thompson | 178.28 |
| Brook | North of Sawyer | 209 83 |
| Bullard | West of Bowditch | 345.98 |
| Chepatchet | Court and Kempton | 289.30 |
| Coggeshall | West of Bowditch | 458.15 |
| Coggeshall | West of Jean | 849.94 |
| Collette | West of Bowditch | 326.26 |
| Cove Road | First and Margin | 225.26 |
| David | West of Brock ave. | 214.16 |
| Dean | Foot of | 153.27 |
| Durfee | West of Shawmut ave. | 119.23 |
| Edward | West of Dartmouth | 122.95 |
| East French ave. | | 201.16 |
| Grape | East of Rural | 138.35 |
| Hathaway ave. | West of Belleville ave. | 1,298.05 |
| Hemlock | South of Sidney | 213.76 |
| Hemlock | North of Thompson | 283.96 |
| Hollyhock | West of Dartmouth | 299.50 |
| Howland Dock | | 1,656.25 |
| Hyacinth | Rivet and Thompson | 161.81 |
| Ingraham | East of Acushnet ave. | 221.74 |
| Jean | South of Sawyer | 910.00 |
| Jenny Lind | North of Kempton | 378.13 |
| Jouvett | West of County | 312.82 |
| Liberty | Hillman and Maxfield | 118.68 |
| Manomet | East of Riverside ave. | 192.38 |
| Nelson | West of County | 335.27 |
| North | Foot of | 982.91 |
| Nye | West of Bowditch | 157.82 |
| Peckham | County and Mt. Pleasant | 365.10 |
| Penniman | West of County | 245.48 |
| Phillips ave. | Riverside ave. and Belleville ave. | 1,486.30 |
| Phillips ave. | East of Front to Acushnet ave. | 1,109.98 |
| Phillips road | Acushnet ave., east | 237.99 |
| Potomska | Foot of | 497.39 |
| Riverside ave. | | 1,207.37 |
| Rockdale ave. | North of Dartmouth | 114.89 |
| Ruth | East of West French ave. | 87.09 |
| Ruth | West of East French ave. | 600.22 |
| Scott | West of County | 240.53 |
| Second | Cove and Division | 240.93 |

## FILLING AND GRADING.—*Continued.*

| STREET. | LOCATION. | COST. |
|---|---|---|
| Shawmut ave. | North of Hathaway road | $628.22 |
| Thompson | West of Orchard | 186.89 |
| Tinkham | East of Acushnet ave. | 1,451.83 |
| Wall | Foot of | 651 89 |
| Washburn | Foot of | 640.24 |
| Willard | Brock ave. and West French ave. | 762.21 |
| Woodlawn | Brock ave and West French ave. | 1.186.00 |
| Valentine | Brock ave. and West French ave. | 207.24 |
| Viall | Ruth and Cove | 628.76 |
| Sundry streets | Costing less than $100 | 3,715.07 |
| | | $31,356.31 |
| Deducted because charged to collecting ashes | $5,657.52 | |
| " " " " street cleaning | 1,252.96 | |
| " " " cleaning catch-basins | 628.50 | $7,538.98 |
| | | $23,817.33 |

## GUTTERS, NEW.

| STREET. | LOCATION. | LENGTH. | AREA, Sq. Yds. | COST. |
|---|---|---|---|---|
| Adams | Both sides, Reynolds and Mt. Pleasant | 2,122.7 | 830.7 | $593.92 |
| Bay* | Both sides, Dartmouth and Cottage | 717.9 | 239 3 | 125.86 |
| Beech | East side, Mill and North | 187.0 | 62.3 | 45 31 |
| Blackmer | Both sides, Front and Water | 235.0 | 78.4 | 31.61 |
| Bridge | West side, Rivet aud Thompson | 361.6 | 122.7 | 104.84 |
| Bullock | West side, Willard ad Austin | 192.0 | 64.0 | 61.92 |
| Chepatchet | Both sides, Court and Kempton | 2,271.6 | 883.9 | 520.41 |
| Cherry | North side, Sixth and County | 436.2 | 169.6 | 137.39 |
| Court | Both sides, Reed st. and Rockdale ave. | 902.0 | 410.6 | 175.71 |
| Crapo | East side, Mosher and Independent | 568 0 | 189.3 | 215.98 |
| Crapo | West side, Division and Rivet | 1,100.00 | 427.8 | 251.91 |
| Crapo | Both sides, Rivet and Thompson | 635.0 | 215.7 | 114 55 |
| Crapo | East side, Thompson and Rockland | 350.0 | 116.7 | 59.35 |
| Fair | North side, Bonney and Orchard | 186.0 | 62.0 | 19.24 |
| Front | Both sides, Blackmer and Rivet | 559.0 | 202.3 | 97.92 |
| Front | West side, South and Grinnell | 325.0 | 108.3 | 63.05 |
| Front | Both sides, Grinnell and Howland | 1,082.0 | 360.7 | 185.27 |
| Grape | Both sides, Short and Rural | 1,209.0 | 437.0 | 241.25 |
| Hall | Both sides, Rivet and Thompson | 773.0 | 257.6 | 186.26 |
| Hemlock | Both sides, Rivet and Rockland | 1,390.0 | 470.1 | 287.21 |
| Hunter | Both sides, Kempton and North | 674.0 | 232 6 | 136.71 |
| Hyacinth | Both sides, Rivet and Thompson | 770.0 | 261.9 | 165.39 |
| Jenny Lind | Both sides, Kempton and Hillman | 1,400.0 | 554.8 | 395 36 |
| Jouvett | Both sides, County and Crapo | 997.0 | 387.6 | 274.90 |
| Kempton | South side, Chepatchet and Jenny Lind | 209.0 | 81.4 | 43.98 |
| Middle | Both sides, Rounds and Florence | 514.0 | 173.4 | 101.11 |
| Mosher* | North side, County and Crapo | 1,019 0 | 343 0 | 184.90 |
| Mt. Vernon | Both sides, Mt. Pleasant and Vine | 720.0 | 297.6 | 218.51 |
| Nelson | Both sides, County and Crapo | 863.8 | 334.1 | 198.03 |
| No. Oak | West side, north of Pope | 144.0 | 48.0 | 36.48 |

## GUTTERS, NEW.—*Continued.*

| STREET. | LOCATION. | LENGTH. | AREA. Sq. Yds. | COST. |
|---|---|---|---|---|
| Orchard | Both sides, Rivet and Thompson | 762.0 | 296.3 | $158.58 |
| Peckham | Both sides, Reynolds and Myrtle | 765.8 | 297.8 | 201.92 |
| Penniman** | Both sides, Reynolds and Myrtle | | | 28.48 |
| Potomska | South side, Prospect and Water | 380.0 | 126.7 | 81.97 |
| Reynolds | Both sides, Weld and Clark | 876.0 | 295.3 | 191.70 |
| Reynolds | West sides, Clark and Penniman | 150.0 | 58.3 | 65.95 |
| Rivet | Both sides, Front and Water | 387.0 | 129.0 | 87.90 |
| Sawyer | Both sides, east of Mitchell | 1,595.0 | 539.4 | 338.93 |
| Seventh | Both sides, Cherry and Madison | 406.0 | 146.6 | 133.19 |
| Short | Both sides, Grape and Allen | 878.0 | 292.7 | 157.15 |
| South | Both sides, County and Crapo | 1,484.0 | 494.6 | 292.19 |
| Stapleton | West side, Cove road and Cove st. | 390.0 | 151.6 | 38.35 |
| Summit | Both sides, Mill and Kempton | 332.0 | 122.0 | 59 31 |
| Thompson | Both sides, Orchard and Dartmouth | 2,860.0 | 1,183.1 | 1,034.33 |
| Valentine | Both sides, east of W. French ave. | 1,200.0 | 474.7 | 283.19 |
| Viall | West side, Ruth and Cove | 1,499.0 | 585.5 | 331.96 |
| Woodlawn | Both sides, Brock ave. and W. French ave. | 860.4 | 332.6 | 233.98 |
| Willard | Both sides, east of W. French ave. | 730.0 | 284.0 | 179.23 |
| | | 38,469.0 | 14,233.6 | $9,172.64 |

*Partly rebuilt.
**Cost incomplete.

| | |
|---|---|
| Cost per square yard | $ .643 |
| Cost per foot length and average width | .238 |

## GUTTERS REPAIRED.

| | |
|---|---|
| Total cost | $899.99 |
| Length in feet | 1,646.6 |
| Area in square yards | 558.6 |
| Cost per foot | $ .149 |
| Cost per square yard | .441 |

## GUTTERS, CONCRETE.

| STREET. | LOCATION. | LENGTH. | AREA. Sq. Yds. | COST. |
|---|---|---|---|---|
| Bedford | Both sides, Sixth and Greene | 1,204 | 401.6 | $204.61 |

| | |
|---|---|
| Cost per square yard | $ .509 |
| Cost per foot length and average width | .169 |

## CURBING, NEW.

| STREET. | LOCATION. | LENGTH. Feet. | COST. |
|---|---|---|---|
| Acushnet ave. | East side, Walnut and School | 80.5 | $57.50 |
| Acushnet ave. | East side, north of Sawyer | 90.0 | 57.41 |
| Acushnet ave. | West side, north of Bullard | 44.1 | 26.10 |
| Allen | North side, west of Borden | 149.3 | 91.61 |
| Ashland | West side, north of Clark | 65.0 | 44.36 |
| Austin | North side, west of County | 84.3 | 55.96 |
| Bay | Both sides, Dartmouth and Cottage | 319.6 | 170.63 |
| Beech | S. E. corner of North | 12.5 | 9.39 |
| Belleville ave. | West side, north of Holly | 106.7 | 67.28 |
| Belleville ave. | West side, north of Coffin ave. | 74 2 | 61.95 |
| Bonney | West side, north of Fair | 89.0 | 54.12 |
| Bonney | East side, south of Allen | 76.0 | 63.72 |
| Borden | West side, Allen and Bedford | 317.2 | 217.98 |
| Bowditch | East side, Beetle and Sawyer | 84.4 | 61.46 |
| Briggs | West side, Rivet and Thompson | 374.1 | 245.18 |
| Bullard | North side, Front street and Acushnet ave. | 70.4 | 49.39 |
| Bullock | Both sides, Willow and Austin | 381.1 | 222.28 |
| Chancery | East side, Parker and Tilton | 169.4 | 101.84 |
| Cherry | N. E. and S. E. corners County | 25.0 | 19.54 |
| Clark | North side, west of Ashland | 92.3 | 67.93 |
| Coffin ave. | North side, west of Belleville ave. | 43.0 | 32.52 |
| Coffin ave. | N. W. and N. E corners Coffin ave. ct. | 25.0 | 18.25 |
| Coggeshall | North side, Howard and Acushnet aves. | 112.3 | 78.53 |
| Court | South side, Emerson and Chancery | 63.2 | 40.89 |
| Court | Both sides, Chancery and Park | 199 4 | 131.33 |
| Court | S. W. corner Reed | 12.5 | 7.62 |
| Court | S. E. and S. W. corners Rockdale ave. | 25.0 | 19.30 |

## CURBING, NEW.—*Continued.*

| STREET. | LOCATION. | LENGTH. Feet. | COST. |
|---|---|---|---|
| Court | N. E. and N. W. corners Rockdale ave. | 25.0 | $17.76 |
| Court | N. E. and N. W. corners Chepatchet | 25.0 | 17.56 |
| Crapo | East side, Winsor and Katherine | 155.6 | 137.48 |
| Crapo | Both sides, Rivet and Thompson | 333.0 | 206.86 |
| Crapo | West side, Thompson and Rockland | 70.5 | 41.53 |
| Dartmouth | West side, Babbitt and Weaver | 179.3 | 115.25 |
| Dartmouth | East side, Thompson and Spooner | 75.3 | 50.89 |
| Fair | North side, Bonney and Orchard | 183.8 | 155.84 |
| Florence | East side, Mill and North | 181.8 | 119.20 |
| Florence | Both sides, North and Hillman | 282.2 | 175.46 |
| Front | East side, south of Bridge | 42.7 | 30.34 |
| Front | West side, Nye and Bullard | 128.8 | 81.62 |
| Grape* | North side, Short and Field | 156.5 | 76.76 |
| Grape* | South side, Short and Field | 213.7 | 129.20 |
| Grape | S. E. and S. W. corners Allen | 25.0 | 19.30 |
| Hall | East side, Rivet and Thompson | 386.5 | 246.55 |
| Hathaway* | Both sides, Acushnet ave. and Bowditch st. | 953.2 | 786.72 |
| Hillman | North side, State and Walden | 161.7 | 117.40 |
| Holly | North side, west of Belleville ave. | 57.7 | 35.91 |
| Hunter | Both sides, Mill and North | 363.0 | 206.47 |
| Hunter | East side, North and Hillman | 63.9 | 39.23 |
| Katherine | South side, County and Crapo | 31.3 | 24.71 |
| Kempton | S. E. corner Jenny Lind | 12.5 | 9.46 |
| Kempton | N. E. and N. W. corners Jenny Lind | 25.0 | 18.42 |
| Kempton | N. W. and N. E. corners Summit | 25.0 | 17.00 |
| Kempton | S. W. corner Chepatchet | 12.5 | 8.70 |
| Lincoln | East side, north of Arnold | 59.0 | 42.36 |

## CURBING, NEW.—*Continued.*

| Street. | Location. | Length. Feet. | Cost. |
|---|---|---|---|
| Middle | S. W. and N. W. corners Florence | 25.0 | $21.87 |
| Middle | S. E. and N. E. corners Round | 25.0 | 16.32 |
| Mill | North side, east of Florence | 73.2 | 53.85 |
| Mosher | North side, County and Crapo | 531.5 | 306.46 |
| Mt. Pleasant | S. E. and N. E. corners Adams | 25.0 | 18.72 |
| Myrtle | East side, north of Penniman | 87.7 | 64.59 |
| North | South side, west of Foster | 54.2 | 39.05 |
| North | North side, Florence and Hunter | 110.2 | 67.34 |
| Ocean | West side, Arnold and Union | 210.6 | 156.55 |
| Peckham | Four corners of Reynolds | 50.0 | 36.49 |
| Peckham | S. E. corner Myrtle | 12.5 | 9.03 |
| Reynolds | Both sides, Weld and Clark | 887.2 | 591.11 |
| Rivet | North side, Fourth and County | 152.6 | 91.25 |
| Rivet | North side, Crapo and Bonney | 95.9 | 63.96 |
| Rivet | North side, east of Bolton road | 33.7 | 23.55 |
| Rivet | North side, Bolton road and Juniper st. | 157.5 | 103.90 |
| Rivet | North side, Juniper and Hemlock | 216.1 | 138.41 |
| Rockdale ave. | East side, Hillman and Maxfield | 39.9 | 25.48 |
| Rockdale ave. | Both sides, Maxfield and Grant | 328.2 | 214.22 |
| Sawyer | North side, east of Acushnet ave. | 81.1 | 57.92 |
| Sawyer | South side, Acushnet ave. and Bowditch st. | 125.0 | 76.74 |
| Seventh | N. E. and N. W. corners Cherry | 25.0 | 19.02 |
| Seventh | S. W. corner Madison | 12.5 | 9.10 |
| Shawmut ave. | Both sides, north of Maitland | 224.7 | 155.82 |
| South | Both sides, County and Crapo | 480.9 | 303.06 |
| South | S. E. and N. E. corners Crapo | 25.0 | 11.63 |
| Studley | Both sides, County and Ashland | 100.0 | 47.46 |

## CURBING, NEW.—*Continued.*

| Street. | Location. | Length. Feet. | Cost. |
|---|---|---|---|
| Thompson | Corners of Orchard | 25.0 | $15.67 |
| Thompson | Corners of Briggs | 45.9 | 28.17 |
| Thompson | Corners of Bolton road | 25.0 | 14.44 |
| Union | North side, Chancery and Park | 56.2 | 40.32 |
| Viall | N. E. and N. W. corners Ruth | 25.0 | 13.69 |
| Water | S. E. corner Bridge | 12.5 | 15.53 |
| Weaver | South side, west of Dartmouth | 152.6 | 93 75 |
| | | 11,947.4 | $7,946.53 |

*Partly laid with old stone

| | |
|---|---|
| Cost per foot | $ .668 |
| Cost per foot of stone | .49 |
| Cost per foot of labor | .178 |
| Cost curbing, new, with old stone | .56 |
| Length feet curbing, new, with old stone | 345.2 |
| Total cost new curbing | 7,946.53 |

## CURBING RELAID.

| | |
|---|---|
| Total cost | $3,330.27 |
| Cost per foot relaid with new stone | .693 |
| Cost per foot relaid with old stone | .146 |
| Length feet curbing relaid with new stone | 3,914.0 |
| Length feet curbing relaid with old stone | 3,525.8 |

## CONCRETE, NEW.

| Street. | Location. | Area. Sq. Yds. | Cost. |
|---|---|---|---|
| Acushnet ave. | West side, north of Rivet | 103.94 | $46.19 |
| Acushnet ave. | East side, Walnut and School | 71.70 | 56.83 |
| Allen* | South side, Greene and Bonney | 96.94 | 52.19 |
| Bedford | South side, Borden and Ash | 36.94 | 31.69 |
| Bolton road*** | East side, Rivet and Thompson | 127.26 | 59.38 |
| Bonney<br>Fair | West side, Fair and Washington<br>North side, Bonney and Orchard | 213.48 | 144.29 |
| Bonney | East side, south of Allen | 68.70 | 38.23 |
| Bowditch**<br>Sawyer | East side, Beetle and Sawyer<br>South side, east of Bowditch | 145.92 | 36.37 |
| Campbell* | North side, State and County | 139.99 | 93.96 |
| Cedar<br>Smith | East side, Smith and Campbell<br>North side, Spruce and Cedar | 61.72 | 47.52 |
| Clark<br>Ashland | North side, Ashland and Mt. Pleasant<br>West side, north of Clark | 135.27 | 103 17 |
| Court | North side, Chancery and Park | 36.48 | 27.53 |
| Dartmouth | East side, Thompson and Spooner | 75.29 | 62.08 |
| Fifth | East side, Wing and Bedford | 338.12 | 263.27 |
| First | East side, Spring and Union | 34.42 | 42.64 |
| Fourth | West side, Rivet and Thompson | 56.29 | 42.89 |
| Fourth* | East side, Rivet and Potomska | 372 34 | 188.34 |
| Fourth* | West side, Thompson and Rockland | 161.79 | 100.14 |
| Rivet* | North side, Acushnet ave. and Fourth st | 221.00 | 165.15 |
| Rivet | North side, Fourth and County | 97.88 | 52.69 |
| Rivet*** | North side, Briggs and Bolton road | 55.75 | 19.50 |
| Sears Court | West of Purchase | 149.72 | 170.40 |
| Thompson | South side, Hall and Crapo | 78.71 | 72.30 |
| Water* | East side, Howland and Griffin | 109.48 | 54.92 |
| | | 2,989.13 | $1,971.67 |

*Partly rebuilt. **Cost incomplete. ***Begun in 1901.

Cost per square yard $ .73

## CONCRETE REPAIRED.

| | |
|---|---|
| Total cost | $5,087.86 |
| Area in square yards rebuilt | 5,998.55 |
| Cost per square yard | .650 |
| Area in square yards, top coat | 2,001.92 |

## GRANOLITHIC.

| STREET. | LOCATION. | AREA. | COST. |
|---|---|---|---|
| Acushnet ave. | East side, south of Walnut | 70.29 | $115.83 |
| Acushnet ave. | East side, north of School | 121.95 | 202.36 |
| Acushnet ave. | East side, north of Coggeshall | 245.06 | 363.55 |
| Acushnet ave. | West side, south of Sawyer | 31.01 | 49.40 |
| Acushnet ave. | East side, north of Beetle | 78.64 | 127.65 |
| Acushnet ave. | West side, north of Bullard | 42.05 | 69.31 |
| Acushnet ave. | East side, north of Kenyon | 85.10 | 132.27 |
| Austin | North side, west of County | 91.74 | 150.38 |
| Beetle | North side, east of Acushnet ave. | 113.24 | 183.82 |
| Bullard | North side, west of Acushnet ave. | 143.82 | 237.01 |
| Cedar | East side, Court and Morgan | 161.09 | 291.93 |
| Coggeshall | North side, east of Acushnet ave. | 83.66 | 146.76 |
| County | West side, south of Independent | 47.03 | 75.75 |
| County | West side, north of Austin | 118.73 | 194.60 |
| Foster | East side, Mill and North | 48.09 | 83.69 |
| Liberty | East side, North of Court | 36.75 | 51.46 |
| Mill | South side, east of Pleasant | 48.75 | 92.48 |
| Mill | North side, east of County | 44.68 | 75.15 |
| Mill | North side, east of Summer | 35.63 | 62.10 |
| Mill | South side, east of Summer | 100.04 | 174.32 |
| Morgan | South side, east of Cedar | 67.74 | 122.76 |
| North | South side, west of Foster | 39.23 | 71.53 |
| Pleasant | East side, south of Hillman | 92.66 | 151.24 |
| Pleasant | East side, south of Mill | 59.98 | 116.85 |
| Purchase | West side, Middle and High | 240.96 | 391.78 |
| Purchase | West side, William and Elm | 364.49 | 608.12 |
| Sawyer | South side, west of Acushnet ave. | 71.04 | 113.16 |

## GRANOLITHIC.—*Continued.*

| STREET. | LOCATION. | AREA. | COST. |
|---|---|---|---|
| School | North side, east of Acushnet ave. | 45.79 | $75.98 |
| Shawmut ave. | West side, north of Maitland | 156.64 | 247.43 |
| State | East side, north of Sycamore | 36.97 | 60.10 |
| State | East side, south of Willis | 144.79 | 322.78 |
| Union | North side, Acushnet ave. and Purchase | 204.20 | 333.06 |
| Walnut | South side, east of Acushnet ave. | 44.74 | 73.73 |
| Willis | North side, west of Reed court | 40.21 | 70.83 |
| | | 3,356.79 | $5,639.17 |

Cost per square yard $1.679

## RECAPITULATION—HIGHWAYS AND STREETS

GROSS EXPENDITURES.

| | |
|---|---|
| Macadam, new | $12,396.20 |
| Macadam, repaired | 1,054.15 |
| Macadam, rebuilt | 6,418.67 |
| Macadam, bituminous, repaired | 450 39 |
| Filling and grading | 23,817.33 |
| Curbing, new | 7,946.53 |
| Curbing, relaid | 3,330.27 |
| Gutters, new | 9,172.64 |
| Gutters, concrete | 204 61 |
| Gutters, repaired | 899.99 |
| Concrete sidewalks, new | 1,971.67 |
| Concrete sidewalks, repaired | 5,087.86 |
| Gravel and cinder sidewalks | 5,060.63 |
| Paving, new | 22,730.93 |
| Paving, repaired | 2,256.47 |
| Flagging, new and repaired | 999.23 |
| Granolithic sidewalks, new | 5,639 17 |
| Crosswalks, new and repaired | 481.41 |
| Block pave Water street | 742.17 |
| Building bank walls sundry places | 1,755.46 |
| Collecting ashes | 9,021.71 |
| Sweeping and cleaning streets | 19,532.11 |
| Filling holes in streets | 852.40 |
| Removing snow and ice | 1,955.12 |
| Sanding icy walks | 317.42 |
| Picking up small stones | 155.64 |
| Carting stock to city yard | 485.99 |
| Labor handling stock | 28.75 |
| Stable yard work | 786.26 |
| Stable office expenses and salaries | 1,675.69 |
| Main office expenses and salaries | 5,177.84 |
| Janitor | 174.53 |
| Registration clerk | 69.74 |
| Advertising | 11.00 |
| Tools, new and repaired | 1,071.06 |

| | |
|---|---|
| Repairs to buildings | 173.50 |
| Carriage hire | 282.06 |
| Accident account | 105.80 |
| Pumps, repaired | 28.55 |
| Road scrapers, repaired | 30.48 |
| Fences, new and repaired | 21.36 |
| Sundry small repairs | 14.77 |
| Wharfage on curbing, etc. | 500.00 |
| Miscellaneous items | 1,128.82 |
| Stock, labor and teaming charged at cost | 30,621.13 |
| Stock on hand December 2, 1902 | 5,263.00 |
| | $191,900.51 |

CR.

| | | |
|---|---|---|
| Appropriation | $155,000.00 | |
| Credits | 32,912.28 | |
| Stock on hand December 2, 1901 | 7,830.27 | |
| Excise tax on street railway companies | 5,918.12 | $201,660.67 |
| Expended | | 191,900.51 |
| Transferred | | $9,760.16 |

NET EXPENDITURES—HIGHWAYS AND STREETS.

| | |
|---|---|
| Appropriation | $155,000.00 |
| Excise tax on street railway companies | 5,918.12 |
| | $160,918.12 |
| Credit balance | 9,760.16 |
| | $151,157.96 |

# HIGHWAYS AND STREETS.

## CENTRE CRUSHER.

60 tons of stone, at 55.01 cents per ton
2,552 tons of stone, at 56.03 cents per ton
9,866 tons of stone, at 62.53 cents per ton

12,478 total

| | |
|---|---|
| Average cost of stone | 61.16 cents per ton |
| Average cost of crushing | 32.77 cents per ton |
| Total cost | 93.93 cents per ton |

## PORTABLE CRUSHERS.

### Dunbar St., west of Bolton Road.

1,095 tons of stone, at 57.8 cents per ton
1,676 tons of stone, at 65.75 cents per ton
6,315 tons of stone, at 63.89 cents per ton

9,086 total

| | |
|---|---|
| Average cost of stone | 63.50 cents per ton |
| Average cost of crushing | 31.05 cents per ton |
| Total cost | 94.55 cents per ton |

### Coffin Ave., cor. of Church St.

670 tons of stone, at 57.40 cents per ton
1,215 tons of stone, at 39.87 cents per ton
7,023 tons of stone, at 64.63 cents per ton

8,908 total

| | |
|---|---|
| Average cost of stone | 60.71 cents per ton |
| Average cost of crushing | 32.27 cents per ton |
| Total cost | 92.98 cents per ton |
| Average cost of crushed stone | $ .9383 |

## STABLE AND TEAMING ACCOUNT.

| | |
|---|---|
| Stock on hand December 3, 1901, (horses, teams, harnesses, hay, grain, straw, etc.) | $16,099.20 |
| Gross cost for 1902 | 39,373.38 |
| | $55,472.58 |

| | | |
|---|---|---|
| Received from water works, (board of horses) | $832.00 | |
| Received for dressing | 255.76 | |
| Received for pigs | 117.50 | |
| Received from sundry persons | 26.25 | |
| Stock on hand December 2, 1902 | 16,936.51 | $18,168.02 |
| Cost of teaming, including repairs of carts | | $37,304.56 |
| Charge for work teams have done | | 34,569.52 |

DEPARTMENT HORSES.

| | |
|---|---|
| Working horses | 36 |
| Driving horses | 2 |
| Total | 38 |

CARTS IN USE.

| | |
|---|---|
| Double carts | 16 |
| Single carts | 17 |
| Express wagons | 4 |
| Total | 37 |

EXTRA CARTS, ETC.

| | |
|---|---|
| Sundown | 1 |
| Light driving wagon | 3 |
| Open buggy | 1 |
| Goddard buggy | 1 |
| Water carts | 2 |
| Jigger | 1 |
| Single gear | 1 |
| Single gears (Tree Spraying) | 2 |
| Derrick gears | 2 |
| Sleighs | 2 |
| Road scrapers | 2 |
| Street sweepers | 2 |
| Total | 20 |

## BLACKSMITH SHOP.

| | | |
|---|---|---|
| Stock on hand December 3, 1901 | | $1,491.86 |
| Gross cost for 1902 | | 3,907.74 |
| Total | | $5,399.60 |
| Charged to sewers | $659.96 | |
| General sewers | 387.31 | |
| Sundry persons and departments | 335.12 | |
| Stock on hand December 2, 1902 | 1,771.66 | $3,154.05 |
| Cost of blacksmithing to highways and streets | | $2,245.55 |

## HIGHWAYS AND STREETS.

| | 1897. | 1898. | 1899. | 1900. | 1901. | 1902. |
|---|---|---|---|---|---|---|
| Macadam, new | $26.095.02 | $21,652.17 | $24,417.11 | $25,599.47 | $25,529.65 | $12,396.20 |
| Macadam, repaired | 1,289.19 | 1,564.20 | 1,186.97 | 1,797.34 | 1,831.96 | 1,054.15 |
| Macadam, rebuilt | 6,776.42 | 17,158.36 | 20,773.43 | 9,128.12 | 14,465.02 | 6,418.67 |
| Streets filled and graded | 29,286.35 | 30,157.63 | 9,387.82 | 15,162.16 | 12,338.83 | 23,817.33 |
| Curbing, new and relaid | 14,471.13 | 14,818.59 | 8,171.18 | 7,805.38 | 7,827.41 | 11,276.80 |
| Gutters, new | 7,633.08 | 11,903.24 | 7,810.30 | 10,502.93 | 11,555.59 | 9,172.64 |
| Gutters, repaired | 778.87 | 1,502.05 | 2,187.37 | 1,108.84 | 1,314.64 | 899.99 |
| Concrete sidewalks, new | 4,018.96 | 1,821.92 | 2,023.93 | 3,645.00 | 2,526.59 | 1,971.67 |
| Concrete sidewalks, repaired | 1,313.32 | 999.33 | 1,653.50 | 1,960.90 | 3,417.07 | 5,087.86 |
| Gravel and cinder sidewalks | 5,109.00 | 6,099.03 | 3,646.54 | 5,580.39 | 7,229.47 | 5,060.63 |
| Paving, new | 12,573.83 | 16,027.71 | 27,477.52 | 17,230.63 | 21,687.26 | 22,730.93 |
| Paving, repaired | 3,299.17 | 1,311.13 | 6,626.53 | 2,642.07 | 4,039.17 | 2,256.47 |
| Flagging, repaired | 1,412.64 | 1,691.61 | 1,301.54 | 1,238.24 | 2,124.54 | 999.23 |
| Crosswalks, new and repaired | 569.73 | 553.72 | 929.93 | 866.47 | 488.27 | 481.41 |
| Sweeping and cleaning streets | 11,250.60 | 9,106.06 | 11,089.47 | 11,994.32 | 14 927.16 | 19.532.11 |
| Removing snow and ice | 1,697.33 | 7,422.25 | 5,202.61 | 245.57 | 31.95 | 1,955.12 |
| Collecting ashes | 8,998.60 | 9,976.42 | 10,128.02 | 9,470.04 | 8,972.03 | 9,021.71 |
| Trimming trees | 507.70 | 809.00 | 685.24 | 743.04 | 1,484.06 | 415.42 |
| Filling holes in streets | 1,321.03 | 993.60 | 684.20 | 755.44 | 1,075.91 | 852.40 |

## HIGHWAYS AND STREETS—*Continued.*

| MACADAM | 1897. | 1898. | 1899. | 1900. | 1901. | 1902. |
|---|---|---|---|---|---|---|
| New:— | | | | | | |
| Length in feet | 24,364 | 26,458 | 22,427 | 19,468 | 26,137.8 | 12,934.3 |
| Area in square yards | 39,058 | 58,134 | 52,101 | 46,044 | 60,287.8 | 29,235.7 |
| Tons of stone used | 24,092 | 22,044 | 22,456 | 21,185 | 19,189.0 | 9,172 |
| Total cost | $26,095.02 | $21,652.17 | $24,417.11 | $25,599.47 | $25,529.65 | $12,396.20 |
| Cost per square yard | $.441 | $.389 | $.463 | $.554 | $ 422 | $.440 |
| Av. tons of stone used per sq. yd. | .408 | .394 | .431 | .452 | .394 | .346 |
| Rebuilt:— | | | | | | |
| Length in feet | 9,139 | 24,510 | 24,230 | 17,718 | 19,021.8 | 7,710.9 |
| Area in square yards | 19,375 | 53,205 | 52,500 | 32,163 | 42,703.8 | 17,301.0 |
| Tons of stone used | 6,304 | 16,843 | 14,011 | 7,644 | 13,117 | 3,690 |
| Total cost | $6,776.42 | $17,158.36 | $20,773 43 | $9,123.12 | $14,465.02 | $6,418.67 |
| Cost per square yard | $.35 | $.315 | $.354 | $.359 | $.335 | $.370 |
| Av. tons of stone used per sq. yd. | .325 | .388 | .317 | .305 | .284 | .213 |
| Repaired:— | | | | | | |
| Total cost | $1,289.19 | $1,564.20 | $1,186.97 | $1,797.34 | $1,831.96 | $1,054.15 |

## HIGHWAYS AND STREETS—*Continued.*

| PAVING. | 1897. | 1898. | 1899. | 1900. | 1901. | 1902. |
|---|---|---|---|---|---|---|
| Granite block on gravel:— | | | | | | |
| Area in square yards | | | 1,920 | | | 538.9 |
| Cost | | | $3,872.04 | | | $1,191.51 |
| Cost per square yard | | | $2.03 | | | $2.21 |
| Granite block, concrete foundation: | | | | | | |
| Area in square yards | 3,743 | $6,563 | 8,102 | 2,124. | 8,127.2 | 6,067.0 |
| Cost | $8,593.77 | $15,596.36 | $16,803.66 | $5,110.86 | $19,260.63 | $16,711.52 |
| Cost per square yard | $2.295 | $2.37 | $2.71 | $2.41 | $2.64 | $2.75 |
| Block asphalt:— | | | | | | |
| Area in square yards | 1,088 | | 3,924 | 2,353 | 786.2 | 1,834.94 |
| Cost | $2,807.88 | | $10,643.86 | $6,395.92 | $2,347.93 | $4,735.30 |
| Cost per square yard | $2.58 | | $2.71 | $2.718 | $2.987 | $2.58 |
| Cobble:— | | | | | | |
| Area in square yards | 3,314 | 1,119 | | 9,794 | 143.6 | 203.5 |
| Cost | $1,172.18 | $431.35 | | $5,723.85 | $78.70 | $92.60 |
| Cost per square yard | $.405 | $.385 | | $.594 | $.548 | $.455 |

## HIGHWAYS AND STREETS—*Continued.*

| Gutters. | 1897. | 1898. | 1899 | 1900. | 1901. | 1902. |
|---|---|---|---|---|---|---|
| New:— | | | | | | |
| Length in feet | 40,884 | 65,186 | 42,024 | 49,673 | 52,381 | 38,131.6 |
| Average width | 3.4 | 3.3 | 3.3 | 3.5 | 3.3 | 3.2 |
| Area in square yards | 15,448 | 23,718 | 15,701 | 19,317 | 19,386 | 14,121.6 |
| Cost | $7,633.08 | $11,903.23 | $7,810.30 | $10,502.93 | $11,555.59 | $9,172.64 |
| Cost per square yard | $.489 | $.501 | $.49 | $.567 | $.593 | $.643 |
| Cost per foot in length, of av'ge width | $.185 | $.182 | $.182 | $.209 | $.219 | $.238 |
| Repaired:— | | | | | | |
| Length in feet | 2,211 | 8,979 | 16,677 | 6,833 | 6,066 | 1,646.6 |
| Area in square yards | 774 | 3,075 | 6,595 | 2,337 | 2,170 | 558.6 |
| Cost | $778.87 | $1,502.05 | $2,187.37 | $1,108.84 | $1,314.64 | $899.99 |
| Cost per square yard | $.305 | $.281 | $.24 | $.272 | $.467 | $.441 |
| Cost per foot in length | $.107 | $.096 | $.097 | $.089 | $.17 | $.149 |

## HIGHWAYS AND STREETS—*Continued.*

| Curbing. | 1897. | 1898. | 1899. | 1900. | 1901. | 1902. |
|---|---|---|---|---|---|---|
| New:— | | | | | | |
| Length | 27,429 | 31,097.20 | 13,410 | 12,024 | 10,206.3 | 11,947.4 |
| Cost | $13,152.64 | $14,108.14 | $7,092.01 | $6,809.20 | $5,816.12 | $7,946.53 |
| Cost per foot | $.481 | $.448 | $.531 | $.551 | $.567 | $.668 |
| Cost of stone per foot | $.325 | $.30 | $.42 | $ 39 | $.418 | $.49 |
| Cost per foot for labor | $.156 | $.148 | $.111 | $.15 | $.149 | $.178 |
| Relaid with new curbing:— | | | | | | |
| Length | 1,024 | 1,154.65 | 1,381 | 723 | 2,373 | 3,914.0 |
| Cost per foot | $.52 | $.441 | $.496 | $.548 | $.585 | $.693 |
| Relaid with old curbing:— | | | | | | |
| Length | 1,657 | 1,493.45 | 5,767 | 4,595 | 4,015.9 | 3,525.8 |
| Cost per foot | $.139 | $.098 | $.115 | $.151 | $.147 | $.146 |

## HIGHWAYS AND STREETS—*Continued.*

| CONCRETE. | 1897. | 1898. | 1899. | 1900. | 1901. | 1902. |
|---|---|---|---|---|---|---|
| New:— | | | | | | |
| Area in square yards | 9,742 | 6,449 | 5,465 | 8,198 | 4,630.89 | 2,380.80 |
| Cost | $4,018.96 | $1,821.92 | $2,023.93 | $3,689.67 | $2,526.59 | $1,971.67 |
| Cost per square yard | $.422 | $.358 | $.378 | $.432 | $.54 | $.73 |
| Rebuilt:— | | | | | | |
| Area in square yards | 3,257 | 2,215 | 2,257 | 3,284 | 6,239.37 | 5,998.55 |
| Cost per square yard | $.311 | $.371 | $.421 | $.39 | $.432 | $.650 |
| Topcoat:— | | | | | | |
| Area in square yards | 579 | 219 | 644 | 1,021 | | |
| Cost per square yard | $.256 | $.264 | $.219 | $.311 | | |

WIDENING ACUSHNET AVENUE.

Howard avenue to Lund's corner.

| | | |
|---|---|---|
| Grading street, building walls, etc. | $1,461.83 | |
| Cr. | | |
| Amount brought forward from 1901 | | $3,044.75 |
| Expended | | 1,461.83 |
| Carried forward to 1903 | | $1,582.92 |

LAYOUT OF CHANCERY STREET.

Sycamore to Smith.

| | |
|---|---|
| Land damages | $998.80 |
| Cr. | |
| Appropriation | $998.80 |

BLOCK PAVE WATER STREET.

Cove to Union.

| | | |
|---|---|---|
| Stock, labor and teaming | | $15,742.14 |
| Cr. | | |
| Appropriation | $15,000.00 | |
| Transfer to balance | 742.14 | $15,742.14 |

PROTECTION OF SHADE TREES.

| | | |
|---|---|---|
| Stock, labor and teaming | $2,868.08 | |
| Cr. | | |
| Appropriation | | $3,500.00 |
| Credits | | 140.57 |
| | | $3,640.57 |
| Expended | | 2,868.08 |
| Transferred | | $772.49 |

## COGGESHALL STREET BRIDGE.

| | | |
|---|---|---|
| Labor opening draw | $8.14 | |
| Repairs, oiling, painting, etc. | 184.96 | $193.10 |

Cr.

| | |
|---|---|
| Appropriation | $600.00 |
| Expended | 193.10 |
| | $406.90 |

## DRAINS LAID.

| Number. | Size Pipe | Length Feet. | Cost | Average Cost per Foot. |
|---|---|---|---|---|
| 100 | 5 inch | 3,328 | $1,320.98 | $.396 |
| 114 | 6 inch | 4,288 | 1,999.19 | .466 |
| 9 | 8 inch | 294 | 172.69 | .587 |
| 2 | 10 inch | 68 | 38.81 | .570 |
| 1 | 4 inch (iron) | 56 | 42.59 | .760 |
| 226 | | | $3,574.26 | |

| | |
|---|---|
| 127 drains repaired, cost | $410.74 |
| 254 drains cleared, cost | 720.32 |
| Total cost of drains, new, repaired and cleared | $4,705.32 |

## CATCH-BASINS, NEW.

| | |
|---|---|
| Cost | $2,987.17 |
| Number | 36 |
| Average cost | $82.97 |
| Catch-basins discontinued | 11 |

## RECAPITULATION—GENERAL SEWERS.

| | | |
|---|---|---|
| Catch-basins built | | $2,987.17 |
| Catch-basins repaired | | 478.90 |
| Catch-basins discontinued | | 91.90 |
| Manholes, new and repaired | | 34.28 |
| Eyeholes, new and repaired | | 87.29 |
| Culverts and surface drains, new and repaired | | 1,511.72 |
| Sewer construction | | 210.33 |
| Sewers repaired | | 88.56 |
| Office expenses and salaries | | 2,310.94 |
| Tools, new and repaired | | 494.32 |
| Tool-houses repaired | | 21.19 |
| Catch-basins cleaned | | 3,717.45 |
| Catch-basins flushed | | 27.24 |
| Eyeholes and culverts cleaned | | 18.33 |
| Carting stock to city yard | | 172.74 |
| Blacksmithing | | 341.43 |
| Flushing and cleaning sewers | | 100.72 |
| Repairs to diaphram pumps | | 79.73 |
| Boilers repaired | | 226.22 |
| Repairs to steam drills | | 51.83 |
| Labor handling stock at city yard | | 23.87 |
| Registration Clerk | | 69.74 |
| Accident account | | 621.00 |
| Stock furnished at cost | | 4,909.09 |
| Drains, new, repaired and cleared | | 4,705.32 |
| General repairs | | 28.96 |
| Miscellaneous items | | 880.00 |
| Stock on hand December 2, 1902 | $1,519.79 | |
| | | $25,810.06 |

Cr.

| | | |
|---|---|---|
| Appropriation | $12,000.00 | |
| Special appropriation | 5,000.00 | |
| Credits | 11,845.98 | |
| Stock on hand December 2, 1901 | 2,173.44 | $31,019.42 |
| Expended | | 25,810.06 |
| Transferred | | $5,209.36 |

NET EXPENDITURES—GENERAL SEWERS.

| | | |
|---|---|---|
| Appropriation | $12,000.00 | |
| Special appropriation | 5,000.00 | $17,000.00 |
| Credit balance | | 5,209.36 |
| | | 11,790.64 |

NEW SEWERS.

| | | |
|---|---|---|
| Sundry appropriations | $34,247.20 | |
| Sundry sewers built | 24,863.41 | |
| Transferred | | $9.383.79 |

In Board of Aldermen,
Feb. 12, 1903.

Received and ordered printed in the City Documents, and sent down for concurrence.

D. B. LEONARD, City Clerk.

In Common Council,
Feb. 12, 1903.

Concurred.

W. H. B. REMINGTON, Clerk.

# DETAILS OF SEWERS CONSTRUCTED IN 1902

| STREET | LOCATION | Size and Material: Vitrified Pipe 8 inch | 10 inch | 12 inch | 15 inch | 18 inch | Brick 48 inch | Total length | Greatest cut | Average cut | Greatest cut in ledge | Average cut in ledge | Cubic yards ledge | Cubic yards earth | Total cubic yards excavation | Number of manholes | Rate of Grade in Feet per 100 ft. | Cost of labor | Cost of labor per foot of length | Cost of material, teaming, sharpening drills, etc. | Total cost of sewer | Cost per foot of length | Assessed | Ordered | Commenced | Finished | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BY SPECIAL APPROPRIATION | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | Orchard south of to Bay west of Dartmouth | | 288.4 | | | | | 288.4 | 6.86 | 6.13 | | | | 197 | 197 | 1 | 1.18 | 202.71 | .70 | 97.04 | 299.75 | 1.04 | ½ Cost | October 1 | November 3 | November 6 | Cost incomplete |
| [illegible] st. | Rivet north 365 ft. | | 390.0 | | | | | 390.0 | 8.80 | 7.81 | | | | 338 | 338 | 1 | 5.36; 1.64 | 262.81 | .67 | 181.37 | 444.18 | 1.14 | ½ Cost | April 2 | April 28 | May 1 | |
| [illegible] st. | Ruth to David | | 558.7 | | | | | 558.7 | 10.06 | 9.12 | 8.60 | 5.30 | 17 | 644 | 661 | 1 | 0.40 | 449.75 | .77 | 258.07 | 707.82 | 1.27 | ½ Cost | November 5 | October 31 | December 6 | Cost incomplete |
| [illegible]ris st. | 100 ft. east of Bowditch to Church | | 1243.1 | | | | | 1243.1 | 11.32 | 9.90 | 8.00 | 4.86 | 120 | 1475 | 1595 | 2 | 1.92; 4.06; 0.485 | 1672.05 | 1.35 | 667.77 | 2339.82 | 1.88 | ½ Cost | Sept. 11 | Sept. 15 | November 20 | |
| [illegible]ront and Tinkham sts. | Hathaway to Acushnet ave. | | 429.5 | 240.0 | | | | 669.5 | 9.69 | 8.23 | | | | 715 | 715 | 1 | 0.50; 1.21; 4.64 | 595.13 | 1.02 | 276.78 | 871.91 | 1.30 | ½ Cost | Dec. 10, 1901 | Jannary 1 | January 13 | |
| [illegible]enlock st. No. 1 | Thompson south 237.2 | | 270.2 | | | | | 270.2 | 9.33 | 8.90 | | | | 312 | 312 | 1 | 1.38 | 206.79 | .76 | 122.38 | 329.17 | 1.22 | ½ Cost | May 20 | June 30 | July 3 | |
| [illegible] st. No. 2 | 139 ft. south of Rockland south 171.6 ft. | 171.6 | | | | | | 171.6 | 9.70 | 8.69 | | | | 498 | 498 | 1 | 1.00 | 167.81 | .98 | 92.48 | 260.29 | 1.52 | ½ Cost | October 21 | October 27 | October 3 | |
| [illegible] st. | Hillman to Maxfield | | | | | | 358.8 | 358.8 | 8.20 | 6.70 | | | | 458 | 458 | 1 | 0.25 | 1491.41 | 4.15 | 1576.12 | 3067.53 | 8.55 | Entr'ce fee $20 | Oct. 8, 1901 | July 7 | August 2 | |
| [illegible]rth st. | Florence to Beech | | 684.0 | | | | | 684.0 | 10.23 | 8.57 | | | | 651 | 651 | 1 | 2.00; 3.44 | 554.97 | .81 | 254.33 | 809.30 | 1.18 | ½ Cost | August 27 | October 2 | October 11 | |
| [illegible]rkham and Myrtle sts. | Reynolds to 50 ft. n. of Cedar Grove | | 593.1 | | | | | 593.1 | 11.00 | 8.68 | | | | 572 | 572 | 1 | 5.46; 3.82; 0.70 | 556.19 | .94 | 208.65 | 764.84 | 1.29 | ½ Cost | April 15 | May 2 | May 9 | |
| [illegible] | Belleville ave. to Oneko lane | | 2244.6 | | | | | 2244.6 | 11.46 | 8.80 | 4.50 | 1.40 | 17 | 2268 | 2285 | 4 | 1.32; 3.94; 1.40 4.98; 0.88; 0.50 | 2750.13 | 1.22 | 708.05 | 3458.18 | 1.54 | ½ Cost | April 15 | May 8 | July 9 | |
| [illegible]lips ave. | Creek to Belleville ave. surface drain | | | | | 625.0 | | 625.0 | 6.92 | 4.83 | | | | 391 | 391 | | 0.50; 2.30 | 356.95 | .57 | 425.25 | 782.20 | 1.25 | | April 15 | May 26 | June 5 | |
| [illegible]nch st. | East French ave. to Cleveland | | 219.0 | | 539.6 | | | 758.6 | 9.43 | 4.42 | | | | 373 | 373 | 1 | 0.91; 2.00; 2.95 | 626.29 | .82 | 430.72 | 1057.01 | 1.39 | ½ Cost | August 27 | October 13 | October 18 | |
| [illegible]unty st. | Bullock to Shawmut ave. | | 436.5 | | | | | 436.5 | 10.12 | 8.38 | | | | 407 | 407 | 1 | 4.43; 1.00 | 352.00 | .81 | 199.66 | 551.66 | 1.26 | ½ Cost | October 1 | November 7 | November 15 | |
| [illegible]ner st. | Coffin to Cannon, enlarged | | | | | | 337.4 | 337.4 | 5.40 | 4.10 | | | | 350 | 350 | 1 | 0.09 | 784.36 | 2.32 | 1074.51 | 1858.87 | 5.51 | | Sept. 11 | October 16 | November 11 | 48″ arch put over old 24″ invert |
| [illegible]ld st. | Purchase to State, lowered | | | | 400.7 | 118.0 | | 518.7 | 12.60 | 11.66 | 4.50 | 2.75 | 40 | 916 | 956 | 1 | 2.00; 5.00; 3.75 | 1430.27 | 2.75 | 841.53 | 2271.80 | 4.38 | | April 15 | June 5 | June 26 | |
| [illegible]el st. | Dudley to Brock ave. via French ave. and Willard | | 1150.5 | | 277.0 | | | 1427.5 | 8.18 | 6.35 | | | | 1010 | 1010 | 1 | 0.50 to 6.14 | 1667.65 | .68 | 1257.08 | 2924.73 | 1.20 | ½ Cost | June 24 | July 30 | August 23 | |
| [illegible]entine st. | Willard to Valentine in French ave., thence east 752 ft. | | 780.5 | | 235.6 | | | 1016.1 | 9.84 | 7.54 | | | | 853 | 853 | 1 | 0.50 to 6.40 | | | | | | | | | | |
| [illegible]odlawn st. | Dudley to Brock ave. via French ave. and Woodlawn | | 1097.5 | | 243.0 | | | 1340.5 | 13.55 | 8.34 | | | | 1243 | 1243 | 2 | 0.50 to 6.26 | 1395.24 | 1.04 | 669.11 | 2064.35 | 1.54 | ½ Cost | April 29 | August 22 | Sept. 6 | |
| | | 171.6 | 10385.6 | 240.0 | 1695.9 | 743.0 | 696.2 | 13932.3 | | | | | 194 | 13671 | 13865 | 23 | | 15522.51 | | 9340.90 | 24863.41 | | | | | | |
| BY GENERAL SEWER APPROPRIATION | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | State west 20.4 ft. lowered | | | 20.6 | | | | 20.6 | 8.52 | 7.94 | | | | 21 | 21 | | About 5.00 | 38.53 | 1.87 | 8.15 | 46.68 | 2.26 | | | Dec. 31, 1901 | January 5 | |
| [illegible]ell st. | Extended to River | | 202.0 | | | | | 202.0 | | | | | | 20 | 20 | | | 125.06 | .62 | 38 59 | 163.65 | .81 | | | Dec. 9, 1901 | December 21 | |
| [illegible] | | 171.6 | 10587.6 | 260.6 | 1695.9 | 743.0 | 696.2 | 14154.9 | | | | | 194 | 13712 | 13906 | 23 | | 15686.10 | | 9387.64 | 25073.74 | | | | | | |

1903. CITY DOCUMENT No. 11.

# TENTH ANNUAL REPORT

OF THE

# ENGINEERING DEPARTMENT

OF THE

## CITY OF NEW BEDFORD

TO THE CITY COUNCIL

BY THE

## CITY ENGINEER

FOR THE YEAR 1902.

NEW BEDFORD, MASS.
THE A. E. COFFIN PRESS, CITY PRINTERS.
1903.

# REPORT.

CITY OF NEW BEDFORD,
ENGINEERING DEPARTMENT,
January 1, 1903.

*To the City Council of the City of New Bedford:—*

GENTLEMEN:—In compliance with Section 5 of the ordinance defining the duties of the City Engineer, the following report of the expenses and operations of the Engineering Department for the year ending November 30th, 1902, is respectfully submitted:

EXPENDITURES.

| | |
|---|---|
| Salaries and pay-rolls, | $7,321.29 |
| Rent, | 741.12 |
| Janitor's services, | 108.60 |
| Lighting, | 18.56 |
| Telephone, | 63.09 |
| Street railway tickets, | 200.00 |
| Drawing instruments and supplies, | 166.53 |
| Printing, stationery, etc., | 108.13 |
| Sundry supplies, | 91.65 |
| Repairs to instruments, tapes, etc., | 77.29 |
| Sundry labor not in pay-roll, | 10.09 |
| Office furniture and repairs, | 520.32 |
| Print cloth, etc., for platting system, | 41.80 |
| Horse and carriage hire, | 18.50 |
| Traveling expenses, postage, express, etc., | 22.72 |
| Printing report, | 19.75 |
| General instruments for office and field, | 11.99 |

| | | |
|---|---|---|
| Meteorological instruments, | 252.90 | |
| Public statutes and reference books, | 25.15 | |
| Grade crossing investigation, | 170.49 | |
| | | $9,989.97 |
| Balance, | | 310.03 |
| | | $10,300.00 |

RECEIPTS.

| | | |
|---|---|---|
| Appropriation, regular, | $10,000.00 | |
| Appropriation, special, | 300.00 | |
| | | $10,300.00 |

EXPENDITURES.

| | |
|---|---|
| Gross, | $9,989.97 |

RECEIPTS.

| | | |
|---|---|---|
| By credit to unappropriated funds: | | |
| Labor and material making plans, | $52.57 | |
| Labor and material making blue prints, | 26.00 | |
| | | $78.57 |
| Net expenditure, | | 9,911.40 |
| | | $9,989.97 |

| | |
|---|---|
| Grade crossing expenditures for the year 1895, | $517.92 |
| Grade crossing expenditures for he year 1896, | 2,067.20 |
| Grade crossing expenditures for the year 1897, | 936.59 |
| Grade crossing expenditures for the year 1898, | 620.39 |
| Grade crossing expenditures for the year 1899, | 357.90 |
| Grade crossing expenditures for the year 1900, | 140.59 |
| Grade crossing expenditures for the year 1901, | 1,398.16 |
| Grade crossing expenditures for the year 1902, | 559.14 |
| Total expenditures to date, | $6,597.89 |

The assistants at present employed in the department are George H. Nye, L. J. Hathaway, Jr., Frank H. Murkland, Norman Barstow, Arthur W. Gardner, Gilbert Almy, and Jessie Loughlin.

The following table shows the distribution of time and salaries of the assistants for the year. The cost of administration is shown as an undivided charge.

| GENERAL CLASSIFICATION OF WORK DONE. | ASSISTANTS' TIME AND COST. | | | | |
|---|---|---|---|---|---|
| | OFFICE. | | FIELD. | | TOTAL |
| | Time. | Cost. | Time. | Cost. | Cost. |
| Approach to New Bedford and Fairhaven bridge, surveys and plans | 16 | $6.84 | 325 | $186.39 | $193.23 |
| Assessors' plats, corrections, record of transfers, etc. | 2,354 | 979.16 | 77 | 25.28 | 1,004.44 |
| Bench marks | 1 | .40 | 12 | 4.00 | 4.40 |
| Bound stones, lines and levels for setting same | | | 64 | 19.46 | 19.46 |
| Catch basins, lines, grades and measurements | | | 32 | 10.40 | 10.40 |
| Cemeteries, surveys, plans, posting plat books, etc. | 578 | 157.56 | 287 | 85.85 | 243.41 |
| Com. on Pub. Prop., City Solicitor, Inspector of Bldgs., other city officials | 254 | 101.84 | 144 | 52.66 | 154 50 |
| Correcting office plans, copying plans, etc. | 70 | 27.77 | | | 27.77 |
| Contour map of city, surveys for same | 12 | 4.80 | 34 | 11.46 | 16.26 |
| Committee on street lights | 51 | 19.37 | 37 | 13.09 | 32.46 |
| Dept. Pub. Works, Bd. of Alder'en, surveys, plans, etc., for special orders | 60 | 20.43 | 55 | 17.43 | 37.86 |
| Drains, grades and levels for laying same | 1 | .40 | 32 | 9.94 | 10.34 |
| Drains, location, measures, index of same | 207 | 75.07 | 123 | 41.44 | 116.51 |
| Grade crossing investigation | 767 | 368.60 | 47 | 20.05 | 388.65 |
| Harbor line, plan showing same | 26 | 13.26 | 34 | 11.45 | 24.71 |
| Indexing plans, note books and other records | 1,083 | 260.11 | | | 260.11 |
| Meteorological instruments, daily observations, etc. | 199 | 47.96 | 490 | 120.14 | 168.10 |
| New work, measurements, calculation, macadam, concrete, etc. | 272 | 98.94 | 158 | 48,09 | 147.03 |
| Office work, cleaning tapes and instruments, entering orders, errands, etc. | 1,685 | 400.17 | 17 | 4.50 | 404.67 |
| Park Commissioners, surveys, plans, etc. | 236 | 95.31 | 122 | 38.92 | 134.23 |
| Private parties, grades for buildings, steps, etc. | 31 | 11.11 | 511 | 160.85 | 171.96 |
| Private work | 251½ | 91.29 | 6 | 1.62 | 92.91 |
| Public buildings, lines and levels for same | 7 | 2.80 | 26 | 7.88 | 10.68 |

| GENERAL CLASSIFICATION OF WORK DONE. (*Continued.*) | ASSISTANTS' TIME AND COST. | | | | |
|---|---|---|---|---|---|
| | OFFICE. | | FIELD. | | TOTAL |
| | Time. | Cost. | Time. | Cost. | Cost. |
| Reports of 1901 and 1902, compiling information for same | 178 | $64.63 | | | 64.63 |
| Sewer construction, grades, levels, plans, records, measurements, etc. | 274 | 110.62 | 369 | $112.43 | 223.05 |
| Sewer assessments, plans, ownerships, records, etc. | 209 | 84.63 | | | 84.63 |
| Street Department, grades for construction | 15 | 5.66 | 490 | 147.67 | 153.33 |
| Street grades, levels taken for establishing same, office records, etc. | 47 | 16.78 | 71 | 21.74 | 38.52 |
| Street layouts, surveys, plans, returns, records, tracings, etc. | 475 | 198.19 | 224 | 75.46 | 273 65 |
| Street numbers, re-numbering, new numbers, records, etc. | 51 | 12.44 | 52 | 15.27 | 27.71 |
| Underground conduits, lines and levels | | | 14 | 4.47 | 4.47 |
| Union Street Railway Co., lines, grades, levels, plans, etc. | 92 | 46.18 | 23 | 8.80 | 54.98 |
| Vacations and legal holidays | 589 | 196.21 | | | 196.21 |
| Water Works Department, grades, levels, profiles, surveys, etc. | 4 | 1.07 | 89 | 28.95 | 30.02 |
| Totals | 10,095½ | $3,519.60 | 3,965 | $1,305.69 | $4825.29 |
| Administration | | 2,496.00 | | | 2496.00 |
| Total cost | 10,095½ | $6,015.60 | 3,965 | $1,305.69 | $7321.29 |

## PLATTING SYSTEM.

Record of conveyances of real estate recorded at the Registry of Deeds at New Bedford, as reported to the Board of Assessors each month.

TRANSFERS.

| | |
|---|---|
| 1901, December, | 74 |
| 1902, January, | 76 |
| 1902, February, | 52 |
| 1902, March, | 93 |
| 1902, April, | 127 |
| 1902, May, | 132 |
| 1902, June, | 128 |
| 1902, July, | 133 |
| 1902, August, | 131 |
| 1902, September, | 75 |
| 1902, October, | 133 |
| 1902, November, | 82 |
| Total, | 1,236 |

In May a full set of blue prints of the plats, 137 in number, was furnished the Board of Assessors.

During the year the records of 67 estates have been looked up in the Probate Court at Taunton.

December 1, 1902, there are 14,743 lots shown on the plats, being 240 more than on December 1st, 1901.

19 new tracings of plats have been made to replace old tracings.

The largest number of transfers made by a single individual during the year was 31.

## TIDAL INVESTIGATION

### FOR THE RELIEF OF CLARK'S COVE NUISANCE.

Owing to the high winds which prevailed during the spring and fore part of the summer, it was not practicable to take up the investigation of the tidal currents in Clark's Cove and the lower harbor until too late to complete it this season. I have now determined upon a plan for the resumption of this work early in the spring of 1903.

The information so far received has not been convincing for or against any particular location for the outlet of a main collecting sewer, except as to the tidal action in Clark's Cove, which is decidedly against this location for the disposal of sewage.

I hope to make a complete report during the coming summer.

The work of the department for the past year is so fully and systematically shown in the tables attached that further explanation as to what has been done, seems to me unnecessary.

In closing, I wish to thank the many citizens and members of the City Council and of other departments who have from time to time kindly assisted this department.

Respectfully submitted,

WILLIAM F. WILLIAMS,

City Engineer.

# SHOWING RAINFALL AT NEW BEDFORD AS REGISTERED BY T. R. RODMAN FOR 1902.

| Day. | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | .02 | .50 | .06 | .22 | | .15 | | | | | .24 |
| 2 | | | .14 | | | | | | | | | |
| 3 | .15 | .67 | | | .17 | | .30 | | | | | .44 |
| 4 | | | | | | .09 | | | 1.92 | | | |
| 5 | | | | .04 | .01 | | .10 | .10 | | | | .90 |
| 6 | | | 1.96 | | | | | .40 | | 3.40 | .21 | |
| 7 | | | | .56 | .25 | | .12 | | | | | .21 |
| 8 | | | | | | | .32 | .23 | | | | |
| 9 | .23 | .05 | .82 | .96 | | | | | | | | |
| 10 | | | | .08 | | .05 | .48 | | | | | .07 |
| 11 | | | | | | | | .50 | | | .05 | |
| 12 | .30 | | | | | .07 | | | | 1.16 | | .30 |
| 13 | | .01 | | | | .05 | | | | | | |
| 14 | | .03 | .08 | | | .27 | | | | .19 | | 1.22 |
| 15 | | | | | | .09 | .78 | .10 | | | | |
| 16 | | | | | | | | | | | | |
| 17 | | | 1.74 | | | .86 | | | | | | |
| 18 | | 1.77 | | | | | | .10 | | | | |
| 19 | .05 | | .10 | | | | .19 | .30 | .06 | | .09 | |
| 20 | | | | | .19 | | .58 | | | | | |
| 21 | | | .08 | | | | .12 | | | | | |
| 22 | .60 | 1.78 | | .03 | | | .06 | | .05 | | | 1.08 |
| 23 | | | | | | | | | | .12 | .27 | |
| 24 | | | | | | | | | | | | |
| 25 | | | | | | | | .24 | | | .15 | |
| 26 | | 1.00 | | .40 | .26 | .30 | .01 | | .07 | | .72 | .70 |
| 27 | 1.00 | | | | | | | .12 | .60 | | .11 | .13 |
| 28 | | .45 | .01 | | | | | | .04 | 1.32 | | |
| 29 | | | 1.48 | | | .70 | | | 1.16 | | | |
| 30 | .05 | | | 1.59 | .26 | | | | .02 | | .25 | .24 |
| 31 | | | | | | | | | | | | |
| Totals | 2.38 | 5.78 | 6.91 | 3.72 | 1.36 | 2.48 | 3.21 | 2.09 | 3.92 | 6.19 | 1.85 | 5.53 |

Total fall for the year, 45.42 inches.

## MONTHLY SUMMARY OF TIDES FOR THE YEAR 1902.

| | Average rise of tides below mean high water. | Average fall of tides below mean high water. | Highest high tide above mean high water. | Lowest high tide below mean high water. | Highest low tide below mean high water. | Lowest low tide below mean high water. |
|---|---|---|---|---|---|---|
| January, | 0.93 | 4.60 | 1.20 | 2.90 | 3.50 | 5.80 |
| February, | 0.50 | 4.251 | 0.90 | 2.50 | 2.50 | 6.10 |
| March, | 0.617 | 4.288 | 0.40 | 1.90 | 2.80 | 5.40 |
| April, | 0.59 | 4.235 | 1.10 | 1.70 | 2.80 | 5.10 |
| May, | 0.736 | 4.493 | 0.90 | 1.50 | 3.10 | 6.00 |
| June, | 0.07 | 4.023 | 1.60 | 1.30 | 3.00 | 5.10 |
| July, | 0.254 | 4.190 | 1.20 | 1.30 | 3.50 | 4.90 |
| August. | 0.2915 | 4.200 | 1.10 | 1.80 | 3.30 | 4.90 |
| September, | 0.1092 | 4.025 | 1.20 | 1.20 | 2.80 | 4.70 |
| October, | 0.115 | 3.94 | 1.60 | 1.50 | 2.90 | 5.00 |
| November, | 0.219 | 3.93 | 1.20 | 2.00 | 3.00 | 5.90 |
| December, | 0.375 | 4.254 | 1.60 | 2.70 | 3.00 | 5.60 |
| For the year, | 0.4005 | 4.202 | 1.60 | 2.90 | 2.50 | 6.10 |

Average range of tides for 1902, 3.802 ft.

Average range of tides for 1896, 1897, 1898, 1899, 1900, 1901 and 1902, 3.691 ft.

Average rise of tides below mean high water for 1896, 1897, 1898, 1899, 1900, 1901 and 1902, 0.643 ft.

Average fall of tides below mean high water for 1896, 1897, 1898, 1899, 1900, 1901 and 1902, 4.334 ft.

Mean high water refers to City Datum=0.

## STREETS LAID OUT AND ACCEPTED.

| Street. | From | To | Date of Acceptance. | Width and Length in Feet. | | |
|---|---|---|---|---|---|---|
| | | | | 20 | 40 | 50 |
| Ashland | Clark | Peckham | May 20, 1902 | | 181.78 | 594.06 |
| Austin | Shawmut ave. | Oak Grove Cem. | Nov. 14, 1902 | | 538.67 | |
| Briggs | Rivet | Thompson | April 1, 1902 | | | 433.24 |
| Chancery | Sycamore | Smith | Mar. 18, 1902 | | 234.08 | |
| Cleveland | David | Ruth | Dec. 1, 1902 | | | 517.05 |
| Clover | Grape | Allen | Dec. 1, 1902 | | | 389.77 |
| David | E. French ave. | Brock ave. | Dec. 1, 1902 | | | 1,791.33 |
| Field | Matthew | Stowell | Feb. 4, 1902 | | | 370.25 |
| Hyacinthe | 123.04 s. of Thompson | Thompson | May 20, 1902 | | 123.04 | |
| Jenny Lind | Milton | proposed st. | Nov. 14, 1902 | | | 302.70 |
| Linden Ct. | Austin | Ashland Pl. | Dec. 1, 1902 | 112.40 | | |
| Manomet | Harbor line | Riverside ave. | Feb. 4, 1902 | | 430.00 | |
| Mt. Pleasant Lane | Mt. Pleasant | Vine | Sept. 12, 1902 | 335.76 | | |
| Reynolds | Peckham | Sawyer | May 20, 1902 | | | 509.88 |
| Riverside ave. | Earle | Belleville rd. | April 15, 1902 | | | 2,229.20 |
| Tallman | Front | Acushnet ave. | May 20, 1902 | | | 328.89 |
| Tinkham | Front | Acushnet ave. | Dec. 10, 1902 | | | 389.80 |
| Trinity | Bullock | Shawmut ave. | Sept. 12, 1902 | | 410.25 | |
| Waverly | Allen | north 217.57 ft. | May 20, 1902 | | 217.57 | |
| Wood | Acushnet ave. | Bowditch | May 20, 1902 | | | 2,666.39 |
| Total, 13,106.11 feet, or 2.482 miles. | | | | 448.16 | 2,135.39 | 10,522.56 |

## LINES OR GRADES ALTERED.

| | | |
|---|---|---|
| Collette st. | Acushnet ave. to O. C. R. R. | Line changed Sept. 12, 1902. |
| Water st. | At Middle st. | Grade changed Sept. 11, 1902. |
| Middle st. | At Water st. | Grade changed Sept. 11, 1902. |

# LEVELS TAKEN.

| STREET. | FROM | TO | LENGTH. | OBJECT. | FOR |
|---|---|---|---|---|---|
| Acushnet ave. | Bentley | north | | To establish grade | Private parties |
| Acushnet ave. | Kenyon | north | 603 feet | To establish grade | Private parties |
| Ashley | David | Ruth | 550 " | To establish grade | Engineering Department |
| Bellevue ave. | Brock ave. | W. French ave. | 940 " | To establish grade | Engineering Department |
| Bennett | Coggeshall | north | 200 " | To establish grade | Street Department |
| Bridge (north line) | Water | Second | 322 " | To determine amount of fill | Engineering Department |
| Church | Nash rd. | north | 1,030 " | To determine amount of fill | WaterWorks Department |
| County | n. e. cor. Maxfield | | | To establish grade | Private parties |
| Cove | s. e. cor. E. French ave. | | | To establish grade | Private parties |
| E. French ave. | David | Ruth | 635 " | To establish grade | Engineering Department |
| Front | Union | north | | To establish grade | Private parties |
| Front | Middle | south | | To establish grade | Public Works |
| Front | Tinkham | Whitman | | To determine cause of water in cellar | Engineering Department |
| Harrison ave. | David | Ruth | 500 " | To determine grade | Engineering Department |
| Hazzard | Purchase | Pleasant | 199 " | To determine rate of grade | Engineering Department |
| Mill | Second | Acushnet ave. | 199 " | To establish grade | Engineering Department |
| Morgan | County | west | 717 " | To establish grade | Engineering Department |
| North | Second | east | 150 " | To locate scales | Private parties |
| Reed | Kempton | south | 185 " | To check curbing | Street Department |
| Ruth | Cleveland | Salisbury | 594 " | Te establish grade | Engineering Department |
| Salisbury | David | Ruth | 550 " | To establish grade | Engineering Department |
| Salisbury | Ruth | Cove | 600 " | To determine amount of grading | |
| Scott | County | west | 496 " | | |
| State | Sycamore | Campbell | 392 " | To establish grade for curb | Street Department |
| Tinkham | Hope | west | 708 " | To determine amount of grading | Street Department |
| Viall | Ruth | Cove | 576 " | To establish grade | Engineering Department |
| Water | South | Coffin | 2,075 " | To establish grade | Street Department |
| Water | Cannon | Coffin | 99 " | To locate sewer | Engineering Department |
| Woodlawn | Brock ave. | W. French ave. | 1,065 " | To determine amount of grading | |
| | | | 13,385 " | | |

## STREETS NUMBERED.

| STREET. | FROM | TO | INTERVAL IN FEET. | NOS. GIVEN. |
|---|---|---|---|---|
| Acushnet ave. | Washburn | Tarkiln Hill rd. | 10—25 | 192 |
| Bowditch | Coggeshall | Hathaway | 25 | 24 |
| Crapo | Thompson | Rockland | | 11 |
| Hathaway | Riverside ave. | Bowditch | | 9 |
| Mt. Pleasant | Fall River R. R. | north | 20 | 10 |
| Trinity | Cedar | Shawmut ave. | | 5 |
| Valentine | Brock ave. | W. French ave. | 25 | 5 |

Single numbers given on streets previously numbered—31.

## PUBLIC WORKS DEPARTMENT AND STREET DEPARTMENT.

| | |
|---|---|
| Lines for setting curbing | 28 |
| Grades for setting curbing | 40 |
| Lines for gutters | 25 |
| Grades for gutters | 42 |
| Grades for paving | 10 |
| Lines for grading streets | 6 |
| Grades for grading streets | 50 |
| Lines for retaining walls | 3 |
| Grades for retaining walls | 4 |
| Grades for walks | 1 |
| Lines for culverts | 3 |
| Grades for culverts | 2 |
| Lines for catch basins | 2 |
| Grades for catch basins | 5 |
| Grade for macadam | 1 |
| Grades or levels for drain | 15 |
| Line for moving wall | 1 |
| Grade for moving wall | 1 |
| Cross section of gravel lot | 1 |

Branches located for connecting drains
Grades for laying new sewers
Trips to sewers to measure branches, ledge, etc.
Plans and profiles for sewer construction
Location and record of drains laid during the year
Measurement of all work done by the department
Measurement of stock at City Yard
Measurement of cargoes of curbing
Measures and marking for cutting crosswalk s. s. Elm across Purchase
Assessment plans for sewers laid in 1902
Sewer plans entered in sewer book
Sewer and street maps in Board office corrected to date
Sewer and street maps at City Stable office corrected to date
Measures and levels for paving at Whitman mill

Location and plan of wall e. s. County street, south of Thompson st.
Investigation and plan showing method of draining houses Belleville road
Survey and plan of shore of Clark's Cove, Woodlawn street to Dudley street, for sewer
Plan showing location of brook at Coffin avenue and Belleville ave.
Plan of extension of Coffin avenue for Harbor Commissioners
Plan of extension of Union street sewer for Harbor Commissioners

## PARK COMMISSION.

Preliminary survey, lines, grades, etc. for re-building dam at Buttonwood pond
Line and grades for gutters and walks Court street
Line and grade for walks Chepatchet street
Location of electric light pole and island Buttonwood pond
Staking baseball ground Buttonwood park
Staking baseball ground Hazelwood park
Location and plan of trees and shrubs in Common
Plan rabbit pen Buttonwood park
Plan of Brooklawn park

## BOARD OF ASSESSORS.

Correcting and posting plats for the year
Survey of Norton court
Survey of Textile School property
Survey of Parochial High School property
Survey of Sassaquin pond
Survey and plan of Bristol mill property
Survey and plan of Soule mill property
Survey and plan of Whitman mill property
Survey and plan of Bennett mill property

## BOARD OF HEALTH.

Correcting office maps showing streets and sewers
Correcting pocket maps showing sewer system

## WATER BOARD.

| | |
|---|---|
| Lines for laying pipe | 3 |
| Grades for laying pipe | 25 |
| Line of conduit defined north of Nye street | |
| Line of conduit defined south of Tallman street | |
| Location of water pipes Peckham street | |

## INSPECTOR OF BUILDINGS AND COMMITTEE ON CITY PROPERTY.

Line given for 160 buildings
Grade given for 180 buildings, steps, fences, etc.
Plan and survey Armory lot
Cross section of Armory cellar
Lines and grades for addition to Almshouse
Survey, levels, plan and profile Morgan street for change of grade
Cross section of High School site
Plan High School site
Line and grade for curb Shawmut ave. school
Grades for grading lot Shawmut ave. school
Parker street school, levels and measures for use of architect

## CEMETERY BOARD.

Plat books posted for year:

### RURAL.

Line and grade for fitting Section A–3, Plot 8
Lots staked and plan Section A–3, Plot 8
Lots staked and plan Section H, Plot 2
Line and grade for fitting Section D, Plot 5
Plan Section D, Plot 4
Index map for office corrected

### OAK GROVE.

Line and grade for fitting Section 3
Lots staked and plan made of part of Section 3
31 lots staked Section 5

### PINE GROVE.

Survey and levels of new entrance to cemetery from Acushnet ave.
Plan and profile of new entrance to cemetery from Acushnet ave.

## CITY SOLICITOR.

Plan of Stowell property, Kempton street

## COMMITTEE ON WHARVES.

Survey and plan of city wharves for sale to Rhodes & Humphrey

## LICENSE COMMISSION.

Location of 2 licensed saloons with reference to school houses

## POLICE DEPARTMENT.

Measures and plan Webster block, cor. Purchase and Mill
Measures and plan in Mowbray Case, Turner's lane
Correcting plan of City

## CITY CLERK.

Plan and blue prints of Ward 1

## STREET LIGHT COMMITTEE.

Locating all naphtha lamps
Plan showing location of all naphtha lamps

## UNION STREET RAILWAY.

Plan and profile for location of turnout, Summer street, Elm to Middle
Line and grade for turnout, Summer street, Elm to Middle

Measures and plan of track at Union and Acushnet avenue and Union and Purchase
Grades, etc., for switches and curves, Ash and Kempton.
Levels and plan for tracks, Old Market square
Levels and plan for additional tracks, Pope's Island
Plan of bulkhead at Street Railway wharf

## MISCELLANEOUS.

### SURVEYS.

Line run to correct bound stones on Ruth street
Survey to define harbor line north of Coffin avenue
Survey to correct previous work on Plummer and Grant streets
Location of various conduits laid during the year

### LEVELS.

Mt. Vernon street at Brook
Butler street, northeast corner Brock avenue, on house lot
On bulkhead, Whitman Mill
On City building at Taber's Wharf
On City Hall, for setting meteorological instruments

### PLANS AND PROFILES.

Profile of Bowditch street
Tracings of Coggeshall Street bridge plans
Work on City maps for principal of High School
Profile of Cleveland street, David to Ruth
Profile of David street, East French avenue to Cleveland
Profile of East French avenue, David to Ruth
Profile of Ashley street, David to Ruth
Profile of Harrison avenue, David to Ruth
Profile of Salisbury street, David to Ruth
Profile of Viall street
Profile of Bennett street
Profile of Bullard street, west of Bowditch
Profile of Water street, near Middle
Plan of Fish Island, west side, north of bridge, for Harbor Commissioners
Plan of Whitman Mill property for Harbor Commissioners

Plans and estimates of cost of intercepting sewer across Clark's Point

Observations of tidal flow with reference to point of discharge of intercepting sewer

## BOUND STONES SET.

Beetle street, n. e. corner of Acushnet avenue. (Raised.)
Bullard street, n. w. corner of Acushnet avenue. (Lowered.)
Coggeshall street, n. e. corner of Acushnet avenue. (Raised.)
Phillips avenue, n. w. corner Front street. (Raised.)
Phillips avenue, s. w. corner Belleville avenue. (Raised.)
Purchase street, w. side at angle south of Austin street. (Lowered.)
Sawyer street, s. w. corner of Acushnet avenue. (Lowered.)
School street, n. e. corner of Acushnet avenue. (Raised.)
Sylvia street, n. e. corner Acushnet avenue. (Re-set and corrected.)
Tinkham street, n. s. west of Hope street. (Lowered.)
Union street, n. s. east of Purchase street. (2 stones raised.)
Walnut street, s. e. corner of Acushnet avenue. (Lowered.)

## REPORT OF THE OPERATION OF THE NEW BEDFORD & FAIRHAVEN DRAW FOR 1902.

| | Boats | Towboats | Barges | Schooners | Opened | No. Crafts | Tons |
|---|---|---|---|---|---|---|---|
| Jan. | 0 | 35 | 21 | 9 | 65 | 108 | 15,080 |
| Feb. | 0 | 23 | 12 | 2 | 37 | 57 | 5,200 |
| Mar. | 42 | 30 | 11 | 11 | 94 | 116 | 9,500 |
| April | 72 | 32 | 11 | 9 | 124 | 150 | 11,000 |
| May | 134 | 59 | 21 | 18 | 232 | 313 | 22,200 |
| June | 161 | 36 | 13 | 21 | 231 | 307 | 12,150 |
| July | 229 | 48 | 4 | 19 | 300 | 355 | 7,100 |
| Aug. | 251 | 37 | 16 | 11 | 315 | 384 | 10,450 |
| Sept. | 191 | 17 | 11 | 4 | 223 | 270 | 10,875 |
| Oct. | 113 | 36 | 28 | 14 | 191 | 282 | 18,350 |
| Nov. | 46 | 36 | 16 | 21 | 119 | 165 | 15,175 |
| Dec. | 3 | 63 | 21 | 25 | 112 | 183 | 23,075 |
| Total | 1,242 | 452 | 185 | 164 | 2,043 | 2,690 | 160,155 |

In Board of Aldermen,
Feb. 12, 1903.

Received and ordered printed in the City Documents, and sent down for concurrence.

D. B. LEONARD, City Clerk.

In Common Council,
Feb. 12, 1903.

Concurred.

W. H. B. REMINGTON, Clerk.

# SUMMARY OF DAILY METEOROLOGICAL OBSERVATIONS TAKEN BY THE ENGINEERING DEPARTMENT AT THE PUMPING STATION FOR THE YEAR 1902.

| MONTHS | Barometer Reduced to Sea Level and to 32° | | | | THERMOMETER | | | | Relative humidity 5 P. M. | WIND | | | | | | | | | | WEATHER | | | | | RAIN AND SNOW | | MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | Prevailing Direction No. of Days it was | | | | | | | | | Mean velocity in miles per hour | Atmosphere No. of Days it was | | | | | Amount of rain and melted snow in inches | Depth of snow in inches | |
| | 5 P. M. Means | Maximum | Minimum | Range | 5 P. M. Means | Maximum | Minimum | Range | | N. | N. E. | E. | S. E. | S. | S. W. | W. | N. W. | Variable | | Clear | Fair | Variable | Rain or snow | All others | | | |
| January | 30.14 | 30 77 | 29.26 | 1.51 | 29.7 | 52 | 5 | 47 | 75.1 | 4 | | | 4 | | 6 | | 12 | 5 | 11.4 | 16 | 2 | | 9 | Cloudy | 2.18 | 3.5 | January |
| February | 29.82 | 30.46 | 28.77 | 1.69 | 32.0 | 49 | 10 | 39 | 81.1 | 2 | 4 | 1 | 1 | 1 | | | 14 | 5 | 13.2 | 14 | | | 9 | " | 4.63 | 20.0 | February |
| March | 29.97 | 30 65 | 29.07 | 1.58 | 43.6 | 62 | 22 | 40 | 79.8 | 1 | 5 | | 5 | 1 | 7 | 2 | 4 | 6 | 12.8 | 11 | 3 | | 15 | " | 7.02 | 5.0 | March |
| April | 29.97 | 30.39 | 29.31 | 1.08 | 49.9 | 71 | 30 | 41 | 73.0 | | 3 | | 2 | 4 | 12 | 2 | 5 | 2 | 10.7 | 13 | 5 | 1 | 10 | " | 3.33 | | April |
| May | 30.03 | 30 57 | 29 59 | .98 | 57.7 | 74 | 34 | 40 | 79.0 | | 2 | | 4 | 1 | 12 | 1 | 4 | 7 | 10.9 | 16 | | | 15 | " | 1.40 | | May |
| June | 29.94 | 30.63 | 29.33 | 1.30 | 67.8 | 83 | 43 | 40 | 87.0 | | 2 | | 3 | 2 | 10 | 2 | 8 | 3 | 10.16 | 16 | 6 | | 6 | " | 3.63 | | June |
| July | 30.08 | 30.42 | 29.81 | .61 | 70.4 | 88 | 43 | 45 | 91.2 | 2 | 6 | | 4 | 1 | 10 | | 5 | 3 | 7.85 | 11 | 9 | 1 | 7 | " | 2.06 | | July |
| August | 30.01 | 30.36 | 29.69 | .67 | 72.0 | 87 | 47 | 40 | 90.3 | 2 | 3 | 2 | 4 | 2 | 9 | 3 | 4 | 2 | 5.55 | 18 | 10 | | | " | 1.02 | | August |
| September | 30.15 | 30 48 | 29.76 | .72 | 66.8 | 81 | 39 | 42 | 79.7 | 3 | 7 | 2 | 4 | 5 | 6 | | 2 | 1 | 7 97 | 9 | 6 | 1 | 9 | " | 4 34 | | September |
| October | 30.13 | 30.62 | 29.34 | 1.28 | 55.8 | 73 | 26 | 47 | 78.8 | | 5 | 2 | 3 | | 13 | 1 | 7 | | 9.20 | 13 | 10 | | 4 | " | 5.49 | | October |
| November | 30.09 | 30.58 | 29.30 | 1.28 | 48.8 | 68 | 24 | 44 | 80.7 | | 10 | | | 1 | 10 | 2 | 5 | 2 | 9.80 | 5 | 12 | 1 | 2 | " | 1.65 | | November |
| December | 29.89 | 30 59 | 29.18 | 1.41 | 32.5 | 52 | –7 | 59 | 81.0 | 3 | 5 | | 2 | | 5 | 3 | 12 | 1 | 10.03 | 7 | 12 | | 11 | " | 6.647 | 21. | December |
| Means for year | 30.02 | | | | 52.25 | | | | 81.4 | | | | | | | | | | 9.96 | | | | | | | | Means for year |
| Totals for year | | | | | | | | | | 17 | 52 | 7 | 36 | 18 | 100 | 16 | 82 | 37 | | 149 | 75 | 4 | 97 | 40 | 43.397 | 49.5 | Totals for year |
| Extremes | | 30.77 | 28 77 | 2.00 | | 88 | –7 | 95 | | | | | | | | | | | | | | | | | | | Extremes |

## WORK DONE FOR LAYOUT OF STREETS.

| STREET | FROM | TO | FOR | FIELD WORK | | OFFICE WORK | | |
|---|---|---|---|---|---|---|---|---|
| | | | | SURVEY LENGTH | LEVELS LENGTH | | | |
| Ashland | Clark | Adams | Layout | | 286 | Plan of street 40 & 50 ft. wide | Profile | Ac'd to Peckham |
| Austin | Shawmut ave. | Oak Grove Cem. | Layout | 538.67 | 300 | Plan of street 40 ft. wide | Profile | Accepted |
| Briggs | Rivet | Thompson | Layout | | | Plan of street 50 ft. wide | Profile | Accepted |
| Bullard | Bowditch | Oneko Mill | Layout | 454.05 | 454.05 | Plan of street 50 ft. wide | Profile | |
| Chancery | Sycamore | Smith | Layout | | | Plan of street 40 ft. wide | Profile | Accepted |
| Chancery | Smith | Campbell | Layout | | | Plan of street 40 ft. wide | Profile | Hearing |
| Cleveland | David | Ruth | Layout | 517.05 | 517.05 | Plan of street 50 ft. wide | Profile | Accepted |
| Clover | Grape | Allen | Layout | 389.77 | 389.77 | Plan of street 50 ft. wide | Profile | Accepted |
| Collette | Acushnet ave. | Old Colony R. R. | Alteration of line | | | Plan of street 50 ft. wide | Profile | Accepted |
| David | E. French ave. | Brock ave. | Layout | 1,791.33 | 1,791.33 | Plan of street 50 ft. wide | Profile | Accepted |
| Field | Matthew | Stowell | Layout | 370.25 | 370.25 | Plan of street 50 ft. wide | Profile | Accepted |
| Hyacinthe | 123.04 ft. s. of Thompson | Thompson | Layout | 123.04 | 128.00 | Plan of street 40 ft. wide | Profile | Accepted |
| Jenny Lind | Milton | Taylor | Layout | 302.70 | | Plan of street 50 ft. wide | Profile | Accepted |
| Linden court | Austin | Ashland Place | Layout | | 200 | Plan of street 20 ft. wide | Profile | Accepted |
| Manomet | Harbor line | Riverside ave. | Layout | 430.00 | 430.00 | Plan of street 40 ft. wide | Profile | Accepted |
| Middle | Water | east | Change of grade | | | | Profile | Accepted |
| Mt. Pleasant lane | Mt. Pleasant | Vine | Layout | | | Plan of street 20 ft. wide | Profile | Accepted |
| Newton | Court | Elm | Layout | | | Plan of street 40 ft. wide | Profile | Hearing |
| Nye | Bowditch | Oneko Mill | Layout | 446.48 | 446.48 | Plan of street 50 ft. wide | Profile | |
| Penniman | County | west | Widening | 69.4 | | Plan of street 50 ft. wide | Profile | Hearing |
| Reynolds | Peckham | Sawyer | Layout | | | Plan of street 50 ft. wide | Profile | Accepted |
| Riverside ave. | Earle | Belleville rd. | Layout | | | Plan of street 50 ft. wide | | Accepted |
| Sawyer | Present terminus | Mt. Pleasant | Layout | | | Plan of street 50 ft. wide | Profile | Hearing |
| Tallman | Belleville ave. | Front | Layout | | | Plan of street 50 ft. wide | Profile | |
| Tallman | Front | Acushnet ave. | Layout | | 494.5 | Plan of street 50 ft. wide | Profile | Accepted |
| Tinkham | Front | Acushnet ave. | Layout | | | Plan of street 50 ft. wide | Profile | Accepted |
| Trinity | Bullock | Shawmut ave. | Layout | | | Plan of street 40 ft. wide | Profile | Accepted |
| Water | Middle | north | Change of grade | | 286.9 | | Profile | Accepted |
| Waverly | Allen | north | Layout | 217.57 | 217.57 | Plan of street 40 ft. wide | Profile | Accepted |
| Wood | Acushnet ave. | Bowditch | Layout | 2,666.39 | | Plan of street 50 ft. wide | Profile | Accepted |
| | | | | 8,316.70 | 6,311.90 | | | |

# DETAILS OF SEWERS CONSTRUCTED IN 1902

| STREET | LOCATION | Size and Material: Vitrified Pipe 8 inch | 10 inch | 12 inch | 15 inch | 18 inch | Brick 48 inch | Total length | Greatest cut | Average cut | Greatest cut in ledge | Average cut in ledge | Cubic yards ledge | Cubic yards earth | Total cubic yards excavation | Number of manholes | Rate of Grade in Feet per 100 ft. | Cost of labor | Cost of labor per foot of length | Cost of material, teaming, sharpening drills, etc. | Total cost of sewer | Cost per foot of length | Assessed | Ordered | Commenced | Finished | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BY SPECIAL APPROPRIATION | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| [illegible] sts. | Orchard south of to Bay west of Dartmouth | | 288.4 | | | | | 288.4 | 6.86 | 6.13 | | | | 197 | 197 | 1 | 1.18 | 202.71 | .70 | 97.04 | 299.75 | 1.04 | ½ Cost | October 1 | November 3 | November 6 | Cost incomplete |
| Riggs st. | Rivet north 365 ft. | | 390.0 | | | | | 390.0 | 8.80 | 7.81 | | | | 338 | 338 | 1 | 5.36; 1.64 | 263.81 | .67 | 181.37 | 444.18 | 1.14 | ½ Cost | April 2 | April 28 | May 1 | |
| Cleveland st. | Ruth to David | | 558.7 | | | | | 558.7 | 10.06 | 9.12 | 8.60 | 5.30 | 17 | 644 | 661 | 1 | 0.40 | 449.75 | .77 | 258.07 | 707.82 | 1.27 | ½ Cost | November 5 | October 31 | December 6 | Cost incomplete |
| [illegible] | 200 ft. east of Rowditch to Church | | 1243.1 | | | | | 1243.1 | 11.32 | 9.90 | 8.00 | 1.86 | 120 | 1475 | 1595 | 2 | 1.32; 4.06; 0.485 | 1672.05 | 1.35 | 667.77 | 2339.82 | 1.88 | ½ Cost | Sept. 17 | Sept. 15 | November 20 | |
| [illegible] | Hathaway to Acushnet ave. | | 429.5 | 240.0 | | | | 669.5 | 9.69 | 8.23 | | | | 715 | 715 | 1 | 0.50; 1.21; 4.64 | 595.13 | 1.02 | 276.78 | 871.91 | 1.30 | ½ Cost | Dec. 10, 1901 | Jannary 1 | January 13 | |
| [illegible] | Thompson south 237.2 | | 270.2 | | | | | 270.2 | 9.33 | 8.90 | | | | 312 | 312 | 1 | 1.38 | 206.79 | .76 | 122.38 | 329.17 | 1.22 | ½ Cost | May 20 | June 30 | July 3 | |
| [illegible] | 139 ft. south of Rockland south 171.6 ft. | 171.6 | | | | | | 171.6 | 9.70 | 8.69 | | | | 498 | 498 | 1 | 1.00 | 167.81 | .98 | 92.48 | 260.29 | 1.52 | ½ Cost | October 21 | October 27 | October 3 | |
| Sherre st. | Hillman to Maxfield | | | | | | 358.8 | 358.8 | 8.20 | 6.70 | | | | 458 | 458 | 1 | 0.25 | 1491.41 | 4.15 | 1576.12 | 3067.53 | 8.55 | Entr'ce fee $20 | Oct. 8, 1901 | July 7 | August 2 | |
| Birch st. | Florence to Beech | | 684.0 | | | | | 684.0 | 10.23 | 8.57 | | | | 651 | 651 | 1 | 2.00; 8.44 | 554.97 | .81 | 254.33 | 809.30 | 1.18 | ½ Cost | August 27 | October 3 | October 11 | |
| [illegible] e sts. | Reynolds to 50 ft. n. of Cedar Grove | | 593.1 | | | | | 593.1 | 11.00 | 8.68 | | | | 572 | 572 | 1 | 5.46; 3.82; 0.70 | 556.19 | .94 | 208.65 | 764.84 | 1.29 | ½ Cost | April 15 | May 2 | May 9 | |
| [illegible] | Belleville ave. to Oneko lane | | 2244.6 | | | | | 2244.6 | 11.46 | 8.80 | 4.50 | 1.40 | 17 | 2268 | 2285 | 4 | 1.32; 3.94; 1.40 4.98; 0.88; 0.50 | 2750.13 | 1.22 | 708.05 | 3458.18 | 1.54 | ½ Cost | April 15 | May 8 | July 9 | |
| [illegible] | Creek to Belleville ave. surface drain | | | | | 625.0 | | 625.0 | 6.92 | 4.83 | | | | 391 | 391 | | 0.50; 2.30 | 356.95 | .57 | 426.25 | 782.20 | 1.25 | | April 15 | May 26 | June 5 | |
| Bath st. | East French ave. to Cleveland | | 219.0 | | 539.6 | | | 758.6 | 9.43 | 4.42 | | | | 373 | 373 | 1 | 0.91; 2.00; 2.95 | 626.29 | .82 | 430.72 | 1057.01 | 1.39 | ½ Cost | August 27 | October 13 | October 18 | |
| Perry st. | Bullock to Shawmut ave. | | 436.5 | | | | | 436.5 | 10.12 | 8.38 | | | | 407 | 407 | 1 | 4.43; 1.00 | 352.00 | .81 | 199.66 | 551.66 | 1.26 | ½ Cost | October 1 | November 7 | November 15 | |
| Potter st. | Coffin to Cannon, enlarged | | | | | | 337.4 | 337.4 | 5.40 | 4.10 | | | | 350 | 350 | 1 | 0.09 | 784.36 | 2.32 | 1074.51 | 1858.87 | 5.51 | | Sept. 11 | October 16 | November 11 | 48" arch put over old 24" invert |
| Pelli st. | Purchase to State, lowered | | | | 400.7 | 118.0 | | 518.7 | 12.60 | 11.66 | 4.50 | 2.75 | 40 | 916 | 956 | 1 | 2.00; 5.00; 3.75 | 1430.27 | 2.75 | 841.53 | 2271.80 | 4.38 | | April 15 | June 5 | June 26 | |
| Willard st. | Dudley to Brock ave. via French ave. and Willard | | 1150.5 | | 277.0 | | | 1427.5 | 8.18 | 6.35 | | | | 1010 | 1010 | 1 | 0.50 to 6.14 | 1667.65 | .68 | 1257.08 | 2924.73 | 1.20 | ½ Cost | June 24 | July 30 | August 23 | |
| Valentine st. | Willard to Valentine in French ave., thence east 752 ft. | | 780.5 | | 235.6 | | | 1016.1 | 9.84 | 7.54 | | | | 853 | 853 | 1 | 0.50 to 6.40 | | | | | | | | | | |
| [illegible] | Dudley to Brock ave. via French ave. and Woodlawn | | 1097.5 | | 243.0 | | | 1340.5 | 13.55 | 8.34 | | | | 1243 | 1243 | 2 | 0.50 to 6.26 | 1395.24 | 1.04 | 669.11 | 2064.35 | 1.54 | ½ Cost | April 29 | August 22 | Sept. 6 | |
| | | 171.6 | 10385.6 | 240.0 | 1695.9 | 743.0 | 696.2 | 13932.3 | | | | | 194 | 13671 | 13865 | 23 | | 15522.51 | | 9340.90 | 24863.41 | | | | | | |
| BY GENERAL SEWER APPROPRIATION | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| [illegible] st. | State west 20.4 ft. lowered | | | 20.6 | | | | 20.6 | 8.52 | 7.94 | | | | 21 | 21 | | About 5.00 | 38.53 | 1.87 | 8.15 | 46.68 | 2.26 | | | Dec. 31, 1901 | January 5 | |
| [illegible] st. | Extended to River | | 202.0 | | | | | 202.0 | | | | | | 20 | 20 | | | 125.06 | .62 | 38 59 | 163.65 | .81 | | | Dec. 9, 1901 | December 21 | |
| [illegible] | | 171.6 | 10587.6 | 260.6 | 1695.9 | 743.0 | 696.2 | 14154.9 | | | | | 194 | 13712 | 13906 | 23 | | 15686.10 | | 9387.64 | 25073.74 | | | | | | |

1903 — CITY DOCUMENT No. 12.

# TENTH ANNUAL REPORT

OF THE

# Superintendent of Public Buildings

ALSO

# INSPECTOR OF BUILDINGS

OF THE

## CITY OF NEW BEDFORD

For the Year 1902.

NEW BEDFORD:
THE A. E. COFFIN PRESS, CITY PRINTERS,
1903.

# REPORT

OF THE

# Superintendent of Public Buildings.

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OFFICE OF SUPERINTENDENT OF PUBLIC BUILDINGS,
NEW BEDFORD, MASS., Dec. 31, 1902.

*To his Honor the Mayor and the City Council of the City of New Bedford:*

GENTLEMEN: — I herewith submit my tenth annual report as Superintendent of Public Buildings, also as Inspector of Buildings.

The principal work of the year on city buildings consisted mainly of alterations and repairs, the only new structure begun during the year being a kitchen built of brick at the Almshouse, which was contracted for and work begun in August; during the progress of the work it was found necessary to make certain changes in the plans, and also to construct a tunnel 3′x 6′ clear, to connect the boiler room and kitchen cellar with the hospital; this tunnel extends from the kitchen cellar to the cellar of hospital building and is carried under a portion of the

yard and under the south wing of main building; it forms a convenient passage between the buildings named, and a proper place in which to carry water and steam piping.

The cost of these changes and of the tunnel was agreed upon and the work ordered in October. It is hoped that the work will be completed early in January next.

## WOMAN'S HOSPITAL.

A full description of this building was given in my last report; the work on the building which had been stopped during the cold weather was resumed early in the spring; the progress of the work on the building has been delayed somewhat, owing in part to the inability of the contractor to have material furnished on time, and to the inability of the city to furnish coal to dry the building before, and during the time it was being plastered and finished.

It is expected that the building will be completed early in the coming spring.

Some alterations and repairs were made in the Almshouse, these being rendered necessary by the erection of the new hospital and kitchen.

## PARKER STREET SCHOOL.

### EXTENSIVE ALTERATIONS AND REPAIRS.

In connection with the extensive alterations and repairs made in this building during the summer vacation, I desire to quote the following extracts from my last year's report.

"In my reports for 1899 and 1900 I called attention to the necessity of some needed repairs being made in this

building. From the records available, I learn that the older portion was erected in 1852, built of brick, two stories high having pitched gable roof, and containing six class rooms, two of these being in the attic. In 1874 a large addition two stories high, built of brick with mansard roof story, was added; this contains six class rooms with an assembly hall in the roof story.

I find that both sections of the building are very much out of repair; that the building is inadequately heated, the heating plant being almost worn out; that there is no system of ventilation nor proper toilet facilities provided.

I would therefore recommend that the building throughout be put in thorough repair, the mansard roof story to be extended over the old section, thereby providing two modern class rooms where the attic rooms are now; that a slate roof with copper gutters be put on to replace the worn out shingled roof and decayed wood gutters; that a modern system of steam heating and ventilation be provided, also a well ventilated system of flushing school closets be provided in the basement, with suitable drainage for closets and roof water; and that the basement ceiling be plastered and a new cement floor be laid in the basement.

These changes would involve extensive repairs in the plastering. The plastered walls and ceilings above basement would need painting; the woodwork throughout should be painted. I realize the difficulty of correctly estimating the cost of the extensive repairs here suggested in a building of this character, but it may be well to consider the fact that this building would provide for as many pupils as the twelve-room schools recently erected in the north and south parts of the city, and the cost would not equal half the cost of these schools.

I would suggest that an architect be employed to prepare plans and specifications for the work contemplated and the work done under contract."

In the early spring, the city council decided to have the building put in thorough repair; for this purpose plans and specifications were prepared by Mr. S. C. Hunt, architect; proposals were received and contracts for the work entered into with John B. Sullivan & Son, for the building work, and with A. A. Sanborn for the heating and ventilating.

During the progress of the work it was found that the older portion of the building was in a much worse condition than had been apparent when the plans were made; the roof truss timbers were found to have decayed; these were replaced by steel girders; the walls were found to be unsafe, owing to the four-inch hollow space that existed, and had to be taken down to the window arches and relaid; numerous springs developed in excavating for the boiler room in the cellar; this necessitated water proofing the entire boiler room, which is six feet below the cellar bottom; the plastering throughout the building, which was supposed to be in fairly good condition when the plans and specifications were prepared, was found to be unfit to remain and be patched up, and it was decided to lath and plaster the building anew.

On the exterior brick walls it was decided that they be given two coats of Cabot's brick preservative; this was rendered necessary, owing to the amount of brick work that had to be relaid and in order to kill the stains and discolorations in the brick work and bring it to a uniform color; besides, this material serves to exclude dampness.

The work here outlined in a general way, was not included in the original contract, and was ordered after the condition of the building was looked into by the mayor and committee on city property; the building was opened for school purposes on the first of December.

This building contains twelve class rooms, with an assembly hall, principal's office and teachers' rooms; the two class rooms which were formerly in the attic of the

old section, are now equal to the rooms in the lower stories; the heating is by steam supplied by two boilers of ample capacity, direct radiation being used in the corridors and teachers' rooms and a portion of the assembly hall, and indirect radiation in the class rooms and assembly hall where ventilation is provided; the ventilation, both supply and exhaust, is by the gravity system, and was installed as outlined by State Inspector Moore of this district; tests that have been made in cold weather show the heating and ventilation to be equal to the best of our recently built schools.

Well ventilated automatic flushing school closets are provided in the basement, the equipment throughout is equal to our best schools; the expense which will be not much if any more than half the cost of a building giving the same accommodation, is amply justified by the result attained.

## HARRINGTON TRAINING SCHOOL.

On Nov. 4th, 1901, during the morning session, fire was discovered in the upper section of the tower above the third story, where the electric motor which drives the exhaust fan is placed. The school was quietly dismissed without the least excitement or panic; much credit is due the principal and teachers, as well as the janitor in this connection.

The fire was confined to the section of the tower in which it occurred, the bell deck and main vent shaft being nearly destroyed. The city fire alarm apparatus was much damaged; the damage to the building below was mainly by water in the tower section; the electric motor was damaged beyond repair.

The damaged portion of the tower has been repaired; a new bell deck covered with copper has been built; a new main vent shaft built and carried higher in the tower

than the former one, to insure as good ventilation as can be had by gravity; the plastering in the tower section has been repaired and other necessary repairs made.

Regarding the further use of the exhaust fan in the tower, operated by electric power, I would recommend that it be dispensed with, because of the danger from fire. I am satisfied that good ventilation can be provided by gravity by having the vent flues properly heated with steam coils. The supply fan in the basement is still driven by electric power.

Now that our increased water supply gives sufficient pressure to use water power, I would recommend that water power be substituted in the basement. The cost of making the change would be no more than the city now pays for electric power in one year; besides, an element of danger from fire would be eliminated.

## CLARK STREET SCHOOL.

This school was erected in 1895–96, and was opened in September of the latter year. I have in each of my annual reports urged the necessity of having the school yard graded and put in proper condition for use. I beg to quote a portion of my report for the year 1898 in this connection.

"The school yard has never been graded; the earth filling was nearly completed when the school was opened, but the material is being rapidly washed away into the lower streets; the greater portion of the yard is dangerous for the children to play in, particularly so when the ground is frozen, because of the high banks on Penniman and Reynolds streets. The yard needs a retaining wall and fence built on about one half the yard with curbing and steps and walks at the approaches. Plans for this work were prepared by Mr. S. C. Hunt, architect, during

the past year, and it was hoped then that the work would be done during the last summer vacation."

I regret to add that fully one-third of the earth filling has been washed away, and the condition of the yard becomes more dangerous as the years go by. The plans, etc., made in 1898, are still available, and I trust the work will be attended to this year.

## BROCK AVENUE SCHOOL.

This school was completed in 1898, and occupied in September of that year. I beg to renew my former suggestions that the school yard be curbed and graded and suitable walks be put in at the approaches. There is much complaint on the part of parents and others interested in the school at the muddy condition of the premises.

## SCHOOL BUILDINGS COMPLETED IN 1901.

Of the three new school buildings completed and occupied at the beginning of the school year in September, 1901, concerning the heating and ventilation, I desire to say, that, the tests made by the state inspector, showed that the Shawmut Avenue School was fully up to the requirements of the contract; the Blackmer Street School and Coggeshall Street School, when tested, failed to come up to the guarantees called for in the contract; the contractor, when notified, proceeded to remedy the defects complained of; it is expected that when further tests are made this winter, that the trouble will be got rid of. The city holds a certain portion of the contract price and a surety company's bond until the work is made satisfactory.

## SCHOOL HOUSE REPAIRS.

The usual ordinary repairs have been made in school buildings as directed by the school committee.

## FIRE STATIONS.

The roofs of fire stations Nos. 1 and 4 have been covered with wood shingles; the outside woodwork has been painted and the brick walls given a coat of brick preservative; other minor repairs were made. In the matter of covering the roofs of these fire stations with wood shingles, I desire to say that I believe it is a mistake and very poor economy. I believe that city brick buildings, located well in the centre of the city ought to have slate roofs; had I been consulted by those who ordered the work done, and themselves took charge of the work, I should have advised that slate be used.

## CARE AND MANAGEMENT OF STEAM BOILERS.

Steam heat being used in nearly all our city buildings, it is important that the management and care of boilers and of the heating and ventilating plants in school buildings should be in intelligent hands. In some cases the business is new to the janitors in charge, and they labor under many disadvantages while becoming familiar with their work, the result being that the plant is liable to be mismanaged and improperly handled.

I believe that it would be economy for the city to employ a capable man to have full charge of the heating and ventilating plants, and of all the boilers used for heating purposes, one whose duty it would be to instruct the janitors in their work and would do the ordinary repairs required.

## SCHEDULE OF CITY BUILDINGS.

The following tables give a schedule of buildings owned by the city, their location, when built or acquired, valuation of land and valuation of buildings.

## SCHOOL BUILDINGS.

| Name of School | Location | Year built, enlarged or remodelled | Material | No. stories | No. rooms | Rods of land | Valuation of land | Valuation of building and furnishings. | Total |
|---|---|---|---|---|---|---|---|---|---|
| Linden street | Linden street | 1843 | Wood | 2 | 4 | 40.25 | $5,000 | $1,100 | $6,100 |
| Middle street | Summer and Middle sts. | 1844 | Brick | 3 | 9* | 117 26 | 10,000 | 25,000 | 35,000 |
| Plainville | Plainville road | 1846 | Wood | 1 | 1 | 42.91 | 100 | 1,000 | 1,100 |
| North | County road, near North line | 1852-1891 | Wood | 1 | 2 | 60. | 200 | 1 800 | 2 000 |
| Parker street | Parker street | 1852-1874-1902 | Brick | 2 | 12* | 140.87 | 7,700 | 52,000 | 59,700 |
| Cannonville | Rockdale avenue | 1853 | Wodd | 2 | 2 | 40. | 200 | 1,000 | 1,200 |
| Cedar street | Cedar and Maxfield sts. | 1855 | Wood | 2 | 6 | 34.39 | 1,700 | 5,300 | 7,000 |
| Dartmouth street | Dartmouth and Hickory sts. | 1855-1890 | Wood | 2 | 8 | 60.16 | 3,500 | 13.600 | 17,100 |
| Rockdale | Hathaway road | 1855 | Wood | 1 | 2 | 50.94 | 100 | 1,000 | 1.100 |
| Merrimac street | Merrimac and State sts. | 1857 | Brick | 2 | 6 | 60.45 | 3,300 | 15,000 | 18,300 |
| Fifth street | Fifth and Russell sts. | 1860-1876 | Brick | 3 | 10* | 65.54 | 6,000 | 30 000 | 36 000 |
| High | Summer street | 1876 | Brick | 3 | 10* | 133.88 | 11,000 | 100.000 | 111.000 |
| Acushnet avenue | Acushnet ave., near Grinnell | 1878-1894 | Brick | 2 | 10 | 82.85 | 6,000 | 44.000 | 50.000 |
| Mary B. White | Maxfield and Pleasant | 1881 | Brick | 2 | 4 | 31.37 | 4,300 | 21.000 | 25.300 |
| Cedar Grove street | Cedar Grove street | 1883-1892 | Brick | 2 | 15 | 118.75 | 5,000 | 31,000 | 36,000 |
| Thompson street | Thompson street | 1885 | Brick | 2 | 10* | 80. | 4,300 | 33,500 | 37,800 |
| Acushnet | Acushnet av., nr. Lund's cor. | 1889-1900 | Wood | 2 | 4 | 124.80 | 1,700 | 14,000 | 15,700 |
| Harrinton | Court street | 1889-1900 | Brick | 3 | 11* | 180.13 | 5,000 | 50.000 | 55 000 |
| I. W. Benjamin | Division street | 1891 | Brick | 2 | 12 | 110.74 | 6,000 | 28.000 | 34.000 |
| Sylvia Ann Howland | Pleasant and High sts. | 1893-1901 | Brick | 2 | 7 | 51.89 | 9,500 | 55.600 | 65.100 |
| Thomas A. Greene | Fourth and Madison | 1894 | Brick | 2 | 10 | 63.58 | 5,200 | 53.000 | 58,200 |
| Clark street | Clark street | 1897 | Brick | 2 | 8 | 119.54 | 3,500 | 37,000 | 40,500 |
| Geo. H. Dunbar | Dunbar and Dartmouth sts. | 1897 | Brick | 2 | 8 | 140. | 2,700 | 40,000 | 42,700 |
| Phillips avenue | Phillips avenue | 1897 | Brick | 2 | 8 | 118.08 | 5,500 | 33,000 | 38,500 |
| Wm. H. Taylor | Brock avenue | 1898 | Brick | 2 | 8 | 32.64 | 3,000 | 40,000 | 43,000 |
| John H. Clifford | Coggeshall and Bowditch sts. | 1901 | Brick | 3 | 12* | 210.60 | 12,636 | 71,600 | 84,236 |
| Robert C. Ingraham | Blackmer street | 1901 | Brick | 3 | 12* | 199.11 | 12,000 | 70.000 | 82,000 |
| Horatio A. Kempton | Shawmut avenue | 1901 | Brick | 2 | 8 | 142.30 | 4,680 | 43,000 | 47,680 |
| | | | | | | | | | $1,051,416 |

*Assembly hall.

# FIRE STATIONS.

| Name of Station | Location | Year built | Material | No. stories | Rods of land | Valuation of land | Valuation of building | Total |
|---|---|---|---|---|---|---|---|---|
| No. 2 | Purchase st. and Mechanics lane | 1821 | Brick | 2 | 14.22 | $23 000 | $25,000 | $48,000 |
| " 9 | Acushnet ave., near Lund's cor. | 1861 | Wood | 2 | 8.81 | 200 | 2,300 | 2,500 |
| " 4 | Sixth and Bedford sts. | 1866 | Brick | 2 | 20.09 | 1 700 | 14 300 | 16.000 |
| " 1 | Purchase and Franklin sts. | 1871 | Brick | 2 | 26.68 | 1,500 | 12,000 | 13,500 |
| " 6 | Fourth st., near Potomska st. | 1882 | Brick | 2 | 28.28 | 1,500 | 14 000 | 15,500 |
| Weld street | Weld st. | 1888 | Brick | 2 | 27.12 | 4 500 | 8,500 | 13,000 |
| No. 7 | Durfee st. | 1890 | Brick | 2 | 37.36 | 1,500 | 20,000 | 21,500 |
| " 5 | County and Hillman sts. | 1892 | Brick | 2 | 23.85 | 3,300 | 20 000 | 23,300 |
| " 8 | Acushnet ave. and Davis st. | 1894 | Brick | 2 | 47.00 | 2,600 | 24,000 | 26,600 |
| | | | | | | | | $179,900 |

## POLICE STATIONS.

| Name | Location | Year built | Material | No. stories | Rods of land | Valuation of land | Valuation of building | Total |
|---|---|---|---|---|---|---|---|---|
| Central | Second street | 1822 | Brick | 2 | 44.48 | $5,400 | $10,000 | $15,400 |
| Willis street | Willis st., near Purchase st. | 1850 | Wood | 2 | 12.27 | 1,325 | 2,500 | 3,825 |
| Weld street | Weld street | 1888 | Brick | 2 | 27.12 | 4,500 | 8,500 | 13,000 |
| Blackmer st. | Blackmer and Water streets | 1892 | Brick | 2 | 7.76 | 800 | 12,000 | 12,800 |
| Kempton st. | Kempton and Cedar streets | 1898 | Brick | 2 | 11.94 | 1,650 | 19,000 | 20,650 |
| Police Stable | Second street, near School | 1891 | Wood | 2 | 18.24 | 1,500 | 2,900 | 4,400 |
| | | | | | | | | $70,075 |

# OTHER PUBLIC BUILDINGS.

| NAME | LOCATION | Year built | Material | No. stories | Rods land | Valuation of land | Valuation of building | TOTAL |
|---|---|---|---|---|---|---|---|---|
| City Hall | William & Pleasant st. | 1837 | Stone | 3 | 101.74 | $167,000 | $40,000 | $207,000 |
| Library Building | William & Pleasant st. | 1852 | Brick | 2 | 68.75 | 104,000 | 30,000 | 134,000 |
| Almshouse Property | Clark's Point | 1828 | Stone & Wood | 3 | 77 acres | 46,000 | 54,000 | 110,000 |
| City Stables | Ash street | 1877 | Brick | 1 & 2 | 456.93 | 8,400 | 37,000 | 45,400 |
| Pumping Station and Lot | Purchase street | 1866-1870 | Stone | 1 | 640. | 24,000 | 25,000 | 49,000 |
| School Committee Headquarters | William street | 1846 | Wood | 2 | 24.61 | 5,000 | 4,700 | 9,700 |
| Veteran Fireman's Headquarters | High and Foster st. | 1846 | Wood | 2 | 9.83 | 1,000 | 1,300 | 2,300 |
| Ward Room | Fourth street | 1835 | Wood | 1 | 3.82 | 500 | 650 | 1,150 |
| Ward Room | Rivet street | 1896 | Wood | 1 | 4.19 | 500 | 2,000 | 2,500 |
| Bathing House | East French ave. | 1899 | Wood | 1 | leased land | | 1,700 | 1,700 |
| Water Works | Lakeville | 1895-1900 | Brick & Wood | | | | 136,000 | 136,000 |
| Miscellaneous Build'gs on City Parks, etc. | | | | | | | | 21,400 |
| | | | | | | | | $720,150 |

## RECAPITULATION.

| | |
|---|---|
| School Buildings, | $1,051,416 |
| Fire Stations, | 179,900 |
| Police Stations, | 70,075 |
| Other Public Buildings, | 720,150 |
| Total, | $2,021,541 |

I desire to express my thanks to His Honor the Mayor, and to the different committees of the City Council, and to the School Committee for their kindly co-operation and support in carrying out the work in my charge.

Respectfully submitted,

EDMUND O'KEEFE,

Supt. Public Buildings.

# REPORT

OF

# Inspector of Buildings.

---

OFFICE OF INSPECTOR OF BUILDINGS,
NEW BEDFORD, MASS., Dec. 31, 1902.

## BUILDING STATISTICS FOR 1902.

The total number of building permits granted during the year for new buildings, alterations and repairs was 470, at an estimated cost of $1,968,840, classified as follows:

| | No. Permits. | Estimated Cost |
|---|---|---|
| New dwellings (including stores and dwellings combined) | 164 | $460,900 |
| New buildings and additions for manufacturing and business purposes | 26 | 1,160,000 |
| State and City Armory | 1 | 130,000 |
| Buildings for purpose of halls and stores | 2 | 25,000 |
| Building for religious purposes | 1 | 7,000 |
| Additions, alterations and repairs to dwellings, stores, etc. | 194 | 88,927 |
| Miscellaneous buildings, including barns, sheds, buildings moved, etc. | 82 | 30,590 |
| | 470 | $1,902,417 |

CITY BUILDINGS.

| | | |
|---|---|---|
| Additions, alterations and repairs to Parker street school | $40,866 | |
| Additions, alterations and repairs to school houses and other city buildings | 25,557 | 66,423 |
| Total | | $1,968,840 |
| Number of new tenements added, including tenements in buildings altered | 354 | |
| Number of new stores added | 33 | |

CLASSIFICATION OF NEW DWELLINGS.

| | |
|---|---|
| Number of dwellings of one tenement each | 64 |
| " " two tenements " | 41 |
| " " three " " | 53 |
| " " four " " | 2 |
| " " six " " | 4 |
| Total | 164 |

Prominent among the building permits granted during the year were the following:

Butler Mill Corp'n, three buildings; Whitman Mill Corp., three buildings; State and City Armory; N. B. Gas & Edison Light Co., three buildings; N. E. Cotton Yarn Co., one new building, four additions; J. L. Humphrey, Jr., cold storage plant; J. C. Rhodes Co., eyelet factory; Pairpoint Corp'n, glass manufacturing building; A. L. Blackmer Co., glass cutting factory, two buildings; Hathaway Mfg. Co., one new building, two additions; Bristol Mill Corp'n, addition; Acushnet Mills Corp'n, addition; Unitarian Chapel, Tallman street; French Zouaves building, Acushnet Ave. and Kenyon street; Parker street school, additions and alterations.

The estimated cost of buildings erected in 1902, was $1,968,840, while those erected in 1901, cost $1,099,102, showing an increase for 1902 over 1901 of $869,738. Of this total the buildings erected for manufacturing, busi-

ness and office purposes cost, $1,160,000 as compared with $497,000 in 1901. Number of new tenements added in 1902, was 354, as compared with 161 erected in 1901, showing an increase in tenements added for the year 1902 of 193.

Cost of building operations for previous years:

| | |
|---|---|
| 1895 | $1,301,871 |
| 1896 | 1,687,396 |
| 1897 | 1,357,395 |
| 1898 | 490,647 |
| 1899 | 708,245 |
| 1900 | 755,401 |
| 1901 | 1,099,102 |

Many old and dilapidated buildings in different parts of the City were taken down the past year, and replaced by modern buildings.

Prominent among the buildings taken down the past year, was the building known as Taber's Block, located at head of Taber's Wharf, recently acquired by the city. This building and the land upon which it stands was sold to James L. Humphrey, Jr., for a nominal sum with the agreement that the old building should be taken down and a modern brick cold storage building erected on its site, to cost not less than $30,000. The terms of the agreement have been more than fully carried out, a handsome brick structure now adorns this site costing over $70,000, adding valuable taxable property to the city.

Our city officials also transferred a portion of the Rotch Wharf property owned by city to the J. C. Rhodes Co., for purpose of erecting a four story brick manufacturing building to cost not less than $50,000. This agreement has been fully carried out, the factory giving employment to many hands, and again adding valuable property to our tax list.

Thirty-one notices were sent out by the Inspector during the year for various violations of the building laws, such as unsafe chimneys, unsafe and neglected buildings, etc. Twenty-two of said cases were adjusted at the office of the Inspector, and nine were brought before the Committee on Buildings in the Fire Districts, for official action.

Section 45, Chapter 481, of the Public Statutes, Acts of 1894, provides that the Inspector of Buildings shall in the month of May of each year inspect every room of every hotel and lodging house of ten or more rooms above the second story in this city, to ascertain if the provisions of the law regarding means of escape from such rooms in case of fire and that means of extinguishing fires are provided and complied with.

I have to report that such inspection was made in the month of May and that I found in nearly all cases that the law was complied with, and have so reported to the Chief of State Police in Boston.

I desire again, as in previous years, to call your attention to the necessity of revising to some extent the building ordinances of the city. The necessity for doing so becomes more apparent as the city continues to grow.

I shall merely outline a fiew of the more important changes that I would like to see introduced in the construction of our buildings.

Good, strong foundations and underpinnings; also strong brick piers or iron columns for the support of buildings should be insisted upon.

All brick chimney flues should have an eight-inch shell, or if built with a four-inch shell should have a terra cotta or other lining. In this connection I can say from data in my possession that there are more fires in dwellings caused by defective chimney flues than from all other causes combined.

Where one or more families are to occupy tenements above the first story, that two flights of stairs placed as far apart as possible shall be provided to reach every story containing living or sleeping rooms, in order to make safe exits in case of fire. The necessity for this requirement has been forcibly brought out in the case of a recent fire in this city, where four persons lost their lives.

The matter has received the attention of the Committee on Buildings in the Fire Districts, to the extent that the following vote was passed at a meeting of the committee held December 28, 1898.

*Voted*, That all dwellings containing two or more tenements shall have not less than two inside stairways to reach every floor containing living or sleeping rooms, the stairways to be placed as far apart as practicable or as may be directed by the Inspector of Buildings.

There are certain tenement houses that are considered fire-traps in this respect. Would it not be well to stop increasing the number of such?

Wooden buildings should be placed a sufficient distance apart on adjoining lots to allow facilities for putting out fires. Where wooden buildings are allowed nearer the line than the prescribed distance, the wall next the line should be built of brick or stone, with openings, if any, in said wall to be provided with fire-proof shutters.

The erection of stables of any kind nearer than a certain limited distance to dwellings should be prohibited.

There are other questions and ideas relating to the work of the Committee on Buildings in the Fire Districts which are not here mentioned, but which will be brought before your honorable body in due time by the committee.

As will be seen by the foregoing statistics the year 1902 was the largest building year since any record has been kept of the building operations of this city. The year 1896 being the largest year previous in the matter of cost, on account of the large increase in cotton manufactories during the year, On account of the continued prosperity of our city during the past year, the prospects for 1903 seem even brighter than that of 1902, the coming spring promising to eclips any previous season in the erection of tenement dwellings.

A large amount of work, such as answering inquiries or giving advice and counsel regarding building enterprises, cannot be tabulated, and is a constantly growing factor in the proceedings of this office.

I must gratefully thank the Committee on Buildings in the Fire Districts for the able and painstaking manner in which they have advised in all matters pertaining to the work of the office.

Respectfully submitted,

EDMUND O'KEEFE,
Inspector of Buildings.

IN BOARD OF ALDERMEN,

September 10, 1903.

Received, ordered printed in the City Documents and sent down for concurrence.

D. B. LEONARD, City Clerk.

---

IN COMMON COUNCIL,

September 10, 1903.

Concurred.

W. H. B. REMINGTON, Clerk.

1903. CITY DOCUMENT No. 13.

# REPORT

OF THE

# BOARD OF OVERSEERS OF THE POOR

OF THE

## CITY OF NEW BEDFORD

FOR THE YEAR 1902.

NEW BEDFORD, MASS.
THE A. E. COFFIN PRESS, CITY PRINTERS.
1903.

## MEMBERS OF THE BOARD.

CHARLES S. PAISLER,
ALBERT H. W. CARPENTER,
WILLIAM H. RANKIN.

## OFFICERS OF THE BOARD.

CHARLES S. PAISLER,
*Chairman.*

ALBERT H. W. CARPENTER,
*Secretary.*

ELLA F. BUCKLYN,
*Clerk to the Board.*

AUGUSTUS A. WOOD,
*Visitor to the Board.*

ANTONE H. SENNA,
*Interpreter to the Board.*

ALPHONSE NORMANDIN, M. D.,
*Physician, North District.*

JOSEPH A. FRASIER, M. D.,
*Physician, South District.*

FREEMAN H. ASHLEY,
*Keeper of Almshouse.*

CHARLOTTE S. ASHLEY,
*Matron of Almshouse.*

REV. EDWARD WILLIAMS,
*Chaplain of Almshouse.*

ANDREW J. ASHLEY,
*Keeper of Wood and Coal Yard.*

# REPORT.

*To His Honor the Mayor and the City Council of the City of New Bedford:*

GENTLEMEN: — The Board of Overseers of the Poor submit their annual report for the fiscal year ending December 1, 1902.

The appended itemized tables under the several heads will give the full particulars as to the amount expended for each division.

Respectfully submitted,

CHARLES S. PAISLER,
A. H. W. CARPENTER,
W. H. RANKIN.

## FINANCIAL STATEMENT.

### Dr.

| | |
|---|---|
| To amount of appropriation | $55,000.00 |
| " " " special appropriation | 9,000 00 |
| Received from state for support of paupers | 3,510.61 |
| " " cities and towns | 3,039.85 |
| " for support of insane | 1,228.25 |
| " from individuals | 630.90 |
| " " sale of hay | 1,211.55 |
| | $73,621.16 |

### Cr.

| Months. | Outside Relief. | Insane Hospitals and State Instituti'ns | Cities and Towns. | Alms-house. | Totals. |
|---|---|---|---|---|---|
| 1901, December | $2,048.94 | | $9.20 | $2,178.21 | $4,236.35 |
| 1902, January | 2,465.82 | $3,704.78 | 391.72 | 1,985.92 | 8,548.24 |
| February | 2,394.57 | 338.94 | 353.41 | 2,162.22 | 5,249.14 |
| March | 2,614.17 | | 10.00 | 1,685.30 | 4,309 47 |
| April | 2,439.45 | 3,682.68 | 25.61 | 2,202.99 | 8,517 85 |
| May | 2,368.27 | 311.63 | 116.87 | 1,894 71 | 4,691 48 |
| June | 2,268.82 | | 19.00 | 2,263.07 | 4,550 89 |
| July | 2,087.83 | 3,886.76 | 481.88 | 2,245.72 | 8,702 19 |
| August | 1,906.32 | 36.40 | 83.75 | 2,265.89 | 4,292.36 |
| September | 2,027.23 | | 178.00 | 2,064.31 | 4,269.54 |
| October | 3,868.07 | 3,873.02 | | 1,971.44 | 9,712.53 |
| November | 2,466.40 | 88.80 | 53.41 | 2,509.32 | 5,117.93 |
| | $28,955.89 | $15,923.01 | $1,722.85 | $25,429.10 | $72,197.97 |

Balance to unappropriated funds, $1,423.19.

# EXPENDITURES IN DETAIL FOR OUTSIDE RELIEF, 1902.

| Monthly Audits. | Groceries. | State Institutions and Lunatic Hospitals. | Cities and Towns. | Cash Orders. | Salaries. | Physician and Medicine. | Burials. | Boots and Clothing. | Transportation. | Horse Hire. | Office Expenses. | Stationery and Printing. | Board Outside. | Wood and Coal Yard. | Totals. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1901, December | $1,157.50 | | $9.20 | $195.75 | $273.67 | $170 00 | $128.00 | $23.42 | | $6.00 | $1.33 | $5.75 | $8.00 | $79.52 | $2,058.14 |
| 1902, January | 1,353.50 | $3,704.78 | 391.72 | 169.50 | 291.91 | 170.00 | 119.00 | 13.50 | | 1.25 | 42.56 | 28.05 | 56.04 | 220.51 | 6,562.32 |
| February | 1,338.08 | 338.94 | 353 41 | 208.90 | 289.64 | 170.00 | 85.00 | 16.50 | 34.60 | | 22.63 | 23.61 | 68.00 | 137.61 | 3,086.92 |
| March | 1,473.00 | | 10.00 | 132.25 | 330.93 | 170.00 | 190.00 | 10.50 | 37.20 | 5.35 | 13.03 | 8.75 | 77.42 | 165.74 | 2,624 17 |
| April | 1,196.00 | 3,849.80 | 25.61 | 189.75 | 289.84 | 172.05 | 97.00 | 7.25 | 28.80 | | 23.53 | 27.35 | 8.55 | 399.33 | 6,314.86 |
| May | 1,124.00 | 311.63 | 116.87 | 175.50 | 345.00 | 175.20 | 149.00 | 15.94 | 34.03 | 12.00 | 164.51 | 39.97 | 22.00 | 111.12 | 2,796.77 |
| June | 1,186.50 | | 19.00 | 182.25 | 296.49 | 170.00 | 179.00 | 10.28 | 4.74 | 2.20 | 29.37 | 14.75 | 68.57 | 124.67 | 2.287.82 |
| July | 1,000.00 | 3,886.76 | 481.88 | 215.00 | 297.29 | 170.00 | 136.00 | 13.10 | 33.50 | | 36.79 | 53.30 | 77.15 | 55.70 | 6,456.47 |
| August | 970.50 | 36.40 | 83.75 | 142.00 | 341.58 | 173.50 | 57.00 | | | | 12.69 | 25.50 | 89.00 | 94.55 | 2,026.47 |
| September | 1,045.50 | | 178.00 | 159.75 | 296.99 | 170.00 | 85.00 | 12.50 | 56.00 | 8.50 | 38.57 | 3.20 | 72.00 | 79.22 | 2,205.23 |
| October | 1,128.50 | 3,873.02 | | 174.00 | 298.64 | 170.00 | 264.00 | 6.25 | 85.18 | 7.75 | 23.71 | 8.50 | 175 85 | 1,525.69 | 7,741.09 |
| November | 866.00 | 88.80 | 53.41 | 178.00 | 346.08 | 172.35 | 100.00 | 10.00 | 63.28 | | 17.60 | 42.14 | 42.16 | 628.79 | 2,608.61 |
| Totals | $13 839.08 | $16.090.13 | $1.722.85 | $2.122.65 | $3,698.06 | $2,053.10 | $1,589.00 | $139.24 | $377.33 | $43.05 | $426.32 | $280.87 | 764.74 | $3,622.45 | $46.768.87 |

# DETAILED EXPENDITURE AT THE ALMSHOUSE, 1902.

| Months. | Flour and Grain. | Dry Goods and Clothing. | Beef, Fish, etc., etc. | Groceries. | Shoes, Hats and Leather. | Furniture and Crockery. | Hardware. | Fuel. | Repairs on Premises. | Carriage Repairs and Blacksmithing. | Superintendent, Labor and Nursing. | Medicine. | Lighting. | Miscellaneous. | Totals. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1901, December | $402.87 | $51.16 | $81.02 | $369.97 | $13.35 | .75 | $33.11 | $172.20 | $12.35 | $27.15 | $817.08 | $69.47 | $77.63 | $50.10 | $2,178.21 |
| 1902, January | 156.24 | 82.96 | 97.78 | 335.04 | 31.92 | 1.88 | 17.31 | 233.70 | 80.44 | | 807.83 | 52.95 | 83.75 | 4.12 | 1,985.92 |
| February | 251.13 | 48.44 | 109.51 | 493.44 | 30.16 | 23.19 | 2.25 | 161.32 | 12.50 | 36.25 | 808.58 | 110.66 | 71.39 | 3.40 | 2,162.22 |
| March | 155.38 | 93.98 | 108 41 | 245.91 | | 17.60 | 17.77 | | 5.25 | 79.98 | 824.58 | 73.88 | 62.56 | | 1,685.30 |
| April | 152.12 | 51.94 | 123.70 | 349.59 | 37.25 | 31.11 | 190.41 | 163.45 | 53.54 | 118.75 | 805.94 | 67.60 | 57.59 | | 2,202.99 |
| May | 138.37 | 19.64 | 109.36 | 326.95 | 6 54 | 17.29 | 140.35 | 89.93 | 11.47 | 116.45 | 804.73 | 59.78 | 39.10 | 14.75 | 1,894.71 |
| June | 375.80 | 86.23 | 119.20 | 410.80 | 16.80 | 78.39 | 13.25 | 73.80 | 2.55 | 62.50 | 820.99 | 78.28 | 35.91 | 88.57 | 2,263.07 |
| July | 146.44 | 53.05 | 136.12 | 364.74 | 35.95 | 35.08 | 39.92 | 73.80 | 7.50 | 31.30 | 845.34 | 80.08 | 32.42 | 363.98 | 2,245.72 |
| August | 179.34 | 43.20 | 113.01 | 612.85 | 80.60 | 1.75 | 48.57 | | | 150.10 | 826.51 | 66.99 | 41.97 | 101.00 | 2,265.89 |
| September | 158.62 | 7.11 | 169.03 | 402.13 | | 25.44 | 79.98 | 87.55 | 30.50 | 147.34 | 805.50 | 87.10 | 44.91 | 19.10 | 2,064.31 |
| October | 78.18 | 149.61 | 131.75 | 254.92 | 39.95 | .15 | 24.53 | 163.40 | 36.99 | 4.35 | 818.61 | 170.66 | 59.33 | 39.01 | 1,971.44 |
| November | 106.81 | 168.03 | 77.36 | 454.94 | 24.65 | 16.80 | 30.71 | 195.67 | 91.98 | 7.85 | 863.59 | 127.15 | 75.14 | 268.64 | 2,509.3 |
| Totals | $2,301.30 | $855.35 | $1,376.25 | $4,621.28 | $317.17 | $249.43 | $638.16 | $1,414.82 | $345.07 | 782.02 | $9,849.28 | $1,044.60 | $681.70 | $952.67 | $25,429 10 |

## STATISTICS OF OUTSIDE RELIEF.

| | |
|---|---|
| Gross cost of persons outside of almshouse | $46,768.87 |
| Receipts from various sources | 9,621.16 |
| | $37,147.71 |
| Amount paid for persons in State Hospitals and in other cities and towns chargeable to this city | $17,812.98 |

| | | |
|---|---|---|
| Number of families aided in 1902 | | 647 |
| " " settlement here | 388 | |
| " " " elsewhere | 78 | |
| " " State paupers | 181 | |
| Number of persons aided in 1902 | | 1,839 |
| " " settlement here | 1,003 | |
| " " " elsewhere | 312 | |
| " " State paupers | 524 | |
| Average cost of aid to each family yearly | | $29.88 |
| " " " " person " | | 10.51 |

### TRANSPORTATION.

| | |
|---|---|
| Number of persons sent to their homes | 59 |
| " " " State Almshouse | 53 |

### BURIALS.

| | |
|---|---|
| Males 89, females 72 | 161 |

### INSANE.

Number of insane at hospitals, during the year, males 50, females 60
Remaining at city expense, Dec. 1, 1902:

| | |
|---|---|
| At Taunton Insane Hospital | 56 |
| " Medfield " " | 20 |
| " Westborough " " | 2 |
| " Worcester " " | 1 |
| " Massachusetts School for Feeble-Minded | 5 |
| " " " " Epileptics | 5 |
| " State Farm Insane Hospital | 1 |

## PAUPERS AIDED ELSEWHERE.

But having settlement here, (exclusive of the insane) families 28, persons 55.

Amount paid for their support in 1902 $1,722.85

## ALMSHOUSE REGISTER.

Number remaining November 30, 1901 79

| Months. | Admitted. | Discharged. | Remaining. |
|---|---|---|---|
| 1901, December | 6 | 7 | 78 |
| 1902, January | 9 | 7 | 80 |
| February | 17 | 8 | 89 |
| March | 11 | 19 | 81 |
| April | 3 | 13 | 71 |
| May | 5 | 7 | 69 |
| June | 8 | 4 | 73 |
| July | 7 | 3 | 77 |
| August | 10 | 6 | 81 |
| September | 9 | 13 | 77 |
| October | 10 | 9 | 78 |
| November | 8 | 5 | 81 |
| Totals | 103 | 101 | 935 |

| | |
|---|---|
| Whole number during the year | 182 |
| Discharged during the year | 101 |
| Remaining November 30, 1902 | 81 |
| Average number inmates, monthly | 78 |

## PRODUCE OF THE CITY FARM, 1902.

| | |
|---|---|
| Potatoes | 612 bushels |
| Onions | 250 bushels |
| Squash | 7,000 pounds |
| Turnips | 500 bushels |
| Beets | 30,000 pounds |
| Cabbage | 12,000 heads |
| Sweet Corn | 4 acres |
| Field Corn | 364 bushels |
| Fodder Corn | 10 tons |
| Hay | 130 tons |
| Straw | 14 tons |
| String Beans | 40 bushels |
| Peas | 20 bushels |
| Pork | 4,212 pounds |
| Fowl | 184 pounds |
| Tomatoes | 160 bushels |
| Milk | 4,384 quarts |
| Eggs | 1,012 dozen |
| Celery | 14,000 plants |
| Cucumbers | 25 bushels |
| Melons | 4 bushels |
| Lettuce | 500 plants |
| Barley | 72 bushels |
| Barley Fodder | 3 tons |
| Rye Grain | 142 bushels |
| Carrots | 10 bushels |
| Parsnips | 5 bushels |

## REPORT OF THE PHYSICIAN
OF THE
## NORTH DISTRICT
TO THE
## BOARD OF OVERSEERS OF THE POOR.

---

GENTLEMEN: — I have made during the year ending December 1, 1902, 713 house visits, received 609 office calls, and visited almshouse 35 times; births 12, deaths 18.

Respectfully submitted,

ALPHONSE NORMANDIN, M. D.

# REPORT OF THE PHYSICIAN
OF THE
# SOUTH DISTRICT
TO THE
# BOARD OF OVERSEERS OF THE POOR.

---

GENTLEMEN: — I have made during the year ending December 1, 1902, 546 house visits, 227 office calls received, and visited almshouse 94 times; births 3, deaths 14.

Respectfully submitted,

JOSEPH A. FRASIER.

City of New Bedford,
In Board of Aldermen,
May 28, 1903.

Received, ordered printed in the City Documents, and sent down for concurrence.

D. B. LEONARD, City Clerk.

---

In Common Council,
May 28, 1903.

Concurred.

W. H. B. REMINGTON, Clerk.

1903 — CITY DOCUMENT No. 14.

# Ninth Annual Report

OF THE

# DEPARTMENT OF PARKS

OF THE

CITY OF NEW BEDFORD, MASS.

For the Year 1902.

NEW BEDFORD:
THE A. E. COFFIN PRESS, CITY PRINTERS,
1903.

## BOARD OF PARK COMMISSIONERS.

1902-1903.

JAMES E. MOORE,
SAMUEL P. RICHMOND,
OBED C. NYE,
ERNEST A. WHEATON,
CHARLES T. SMITH.

## OFFICERS.

CHAIRMAN,
JAMES E. MOORE.

SECRETARY,
ERNEST A. WHEATON.

GENERAL SUPERINTENDENT,
THOMAS W. COOK.

CONSULTING ENGINEER,
W. F. WILLIAMS, City Engineer.

## PARK AREAS.

| | |
|---|---|
| Brooklawn Park | 91.91 acres |
| Buttonwood Park | 62.36 acres |
| Hazlewood Park | 28.00 acres |
| Bridge Park | 1.17 acres |
| Grove Park | .93 acres |
| Common | 7.43 acres |
| Triangle Park | .16 acres |
| Total | 191.96 acres |

# REPORT.

CITY OF NEW BEDFORD,
OFFICE OF PARK COMMISSIONERS,
MASONIC BUILDING.
December 31, 1902.

*To His Honor the Mayor and the City Council of the City of New Bedford, Mass.*

GENTLEMEN: — As required by Chapter 154, Section 12, of the Acts of the Legislature of the Commonwealth of Massachusetts of the year 1882, entitled "An Act to Authorize Cities and Towns to lay out Public Parks within their limits," approved April 18, 1882, the Board of Park Commissioners of the City of New Bedford has the honor to submit herewith a report of its doings, including detailed statements of all receipts, expenditures and liabilities for the year ending Nov. 30, 1902.

Our last annual report contained so full a discussion of the subject of Public Parks that your Board considers it superfluous to attempt to justify the legislation by which the City was empowered to establish its system of parks, nor can it further elucidate the principles upon which the action of your Board has been founded from the time when it came into existence by popular vote and the action of the municipal authorities.

The experiences of another year but confirm your Board in the wisdom of such legislation and of the course heretofore pursued in the management of the parks entrusted to them. It is further confirmed by the general satisfaction which has been expressed by all classes of our community.

The fact that that report has been sought after by park experts, superintendents and others interested sociologically in public improvements indicates that the views expressed by us also commend themselves to the general public.

This year we have been forced to consider the application of those principles to the most recent purchase made by the City for park purposes. In fact, the intended improvements of the older parks have necessarily been deferred, because we have been limited by the appropriations, until the new park should be brought into such condition as to render it speedily available in some degree for public enjoyment. Very few private domains can be advantageously used as parks without material changes, for the reason that such domains are laid out and prepared rather with the purpose of the enjoyment of the proprietors than for public use.

The south part of the City is in itself an important manufacturing community, and this park is so readily accessible by French avenue and Brock avenue that the great operative population which lives in that section can readily find in this park those recuperative forces which come from outdoor recreation amid the beauties of nature, and from which they have been debarred in a considerable degree by the distance of the other parks from their places of residence.

The new park in the south part of the city, known as Hazlewood, needed very important alterations before it became, even in some measure, adapted for public enjoyment. Buildings upon the premises, which were

neither necessary nor capable of local use for park purposes, have been removed and utilized, as far as possible in our other parks. Stone walls, which interfered with the unobstructed movement of the people, have been removed; groves, copses and underbrush trimmed or removed, lawns constructed and vistas opened. The entire area now permits of a more free circulation of our people on foot or in carriage, and more nearly conforms to those principal features of a public park laid down by Frederick Law Olmstead: "By a large public park is not meant one covering more than a certain number of acres, but one large enough to contain a complete natural landscape, where the boundaries will not be obtrusive, where city conditions will not be unduly apparent, where thousands of visitors may enjoy the scenery at the same time without crowding each other, where those who especially seek seclusion may find parts so remote from the boundaries that city houses, if not completely hidden, may be reduced in distant perspective to inconspicuous proportions as compared with the foliage of the trees and other natural objects on the foreground; so remote from the roar of street traffic that it is less noticeable than the rustle of the foliage stirred by the breeze, of the song of birds, of the sounds of insects." No sooner was this park opened than it became a center of attraction to the people in the south end of the city. Though this park be rather limited in area, it possesses natural attractions in some degree superior to those of our other parks. It affords for our operative population the means of obtaining recreation amid marine views and in the bracing air of the sea, which they need after the day's toil. Few views possess more charm to the marine painter or to the artist than those to be obtained along the lower bay or by the shores of our cove, especially at early morn or evening twilight.

The improvements made this year in Hazlewood Park are, though permanent, simply initial, and, as has been already intimated, rather hurriedly made in order to enable the grounds to be thrown open for public enjoyment. Much more remains to be done before the grounds will compare favorably with some of the older parks in our city, or with similar small parks in other cities. The music stand now on the park was not erected by us, and is intended only for temporary use, and should be replaced by a more tasteful music pavilion as soon as the annual appropriation shall enable us to make the necessary expenditure. By reason of the natural features of Hazlewood Park it cannot at any time furnish open spaces for athletic games. Standing upon a declivity, its improvement requires a different treatment from that of the other parks. It lends itself more peculiarly to the quiet enjoyment of its secluded wood paths, the admiration of its glimpses of marine views, the charm of tinkling fountains, the songs of birds and the soothing strains of instrumental music. Children may fill its groves with laughter, but the rollicking exuberance of youth can find no suitable place within its borders for muscular development or boisterous sports. It should therefore as soon as possible be provided with its fountain, its music pavilion, and such other features as will prove attractive and restful, that the tired and worn operative's family may find it an ideal resort pictured by Longfellow:

"And the night shall be filled with music,
and the cares that infest the day
Shall fold their tents like the Arabs,
And as silently steal away."

It was suggested by the Superintendent in last year's report that Grove Park might be advantageously converted into a play-ground. This Board has endeavored to secure information upon this important subject, and to ascertain the results of providing small areas for the

purpose of outdoor exercises and sports of children. The ordinary schoolhouse lot is so limited that it is hardly sufficient for recreation during intermission. There should be public grounds wherever the population is at all dense, to which children can resort for play. Our larger parks are situated where the population is not dense, and are so distant from the most thickly settled portions of our city that they cannot be resorted to, excepting on holidays and Sundays, by the little ones. Boston, New York, St. Louis and other cities have established such grounds, where the youngsters can abandon themselves to their instinct for physical development and sociable intercourse to their hearts' content.

We present the following summary found in the St. Louis Park Report for 1900:

"It should be remembered that this system in no way conflicts with the larger park idea, as the purposes are altogether different. Several sections of the city are without these desirable breathing places. Children's playgrounds are a crying need in all sections of the city. The public streets afford the only playground the children of many of our citizens have at their command. The value of small parks and public playgrounds to inhabitants of the immediate community, who use them daily, has been the subject of much study. The matter was thoroughly investigated by a special committee in New York City, appointed under Mayor Strong, from whose report we quote: "With common accord the precinct captains attribute the existence of juvenile rowdyism and turbulence to the lack of better playgrounds than the street. The juvenile population, reports the captain of the Thirteenth Precinct, has of late been growing worse. The reason is plain — increasing population and want of proper playgrounds."

"Children play in the street amid their dangers, and break lamps and windows and commit numberless acts of mischief of greater or less degree, because no other provision is made for them. Thus they can play only in defiance of law, and later defy the laws of the country in worse ways. On the other hand, when small parks have been established the change in the character of the population is marked. The Captain of the Twelfth New York Precinct says: 'The Hook gang is gone. It has disappeared since the establishment of Corlears Park.' The Sixth Precinct (N. Y.) Police Captains report that since the establishment of the Mulberry Bend Park 'the whole neighborhood has changed.'"

We heartily concur in the opinion of our Superintendent that Grove Park be prepared for a playground for children, and request that our appropriations be made sufficient to enable us to carry out our plans in that regard.

Improvements made at Buttonwood Park consist mainly in the work necessary for the restoration of the pond and the widening and extending of the dam so as to furnish a suitable roadway upon it. It will be remembered that the former dam was washed away in 1901 by a sudden rise in the pond, and the narrow roadway rendered useless. Under the plans of our engineer consulted by us, we have been enabled to enlarge the area of the pond without increasing the height of the dam, so as to secure better accommodation for boating in summer and skating in winter. As improved, the roadway now furnishes a plaza for promenade by the side of the dam, and secures greater freedom for circulation for those in carriages. The work has been done in a thoroughly substantial manner, and we believe the improvement is beyond the possibility of a similar disaster to that which befell the old dam.

Both the Common and Brooklawn Park have been maintained as in former years, and but few permanent improvements have been attempted, as most of the annual appropriation was required for improvements upon Buttonwood and Hazlewood Parks. While improvements are susceptible of being postponed in consequence of limited appropriations, we cannot neglect the maintenance without injury to the parks and a resulting loss in time and labor. We are confident that the parks have never been in better condition than they have been during the past year. We have been gratified to note during the last year the growing interest in the maintenance of our parks felt by the teachers and pupils of our schools. Perhaps the use that your Board made of such plants and flowers as could be spared for the last graduating class of the High School has caused increased attention to be given by the public to other uses of our parks than that of being places for recreation only. Teachers have brought their scholars to some of our parks for instruction in natural history and botany. And it will be the purpose of your Board to further awaken this interest and promote the use of our parks to advance the education of all classes of our community, whether in art, or in arboriculture, botany, zoology or mineralogy. With our teachers enlisted as our aids, the coming generation will not only be able to take more thorough enjoyment in our parks, but will also feel a keener interest in seeing that provision is made for bringing them to the highest state of improvement and for maintaining them in their highest state of usefulness. There are two ways in which the lovers of the camera may aid us. One is by seeking out the most attractive features of our parks, and furnishing us collections, the choicest of which may embellish future reports; the other, by taking views of the unsightly objects found and bringing them to our notice, that they

may be removed, or, where that may not be practicable, at least concealed by vines or shrubbery. We desire the collaboration and co-operation of all our fellow citizens, as the parks are their parks, and when well maintained reflect credit upon our community, which would on the other hand bear the shame of their neglect.

We cannot close our report without bearing witness to the unfailing fidelity to duty of our most efficient and intelligent Superintendent, Thomas W. Cook. We forward herewith his annual report, together with a full account of our receipts and expenditures.

Respectfully submitted,

JAMES E. MOORE,
SAMUEL P. RICHMOND,
OBED C. NYE,
ERNEST A. WHEATON,
CHARLES T. SMITH,

Park Commissioners.

## SUPERINTENDENT'S REPORT.

*To the Honorable Board of Park Commissioners:*

GENTLEMEN: — I have the honor to submit to you my third annual report, giving a summary of the work accomplished by your direction in the Department of Parks during the fiscal year ending November 30th, 1902, including such comments and suggestions as I deem profitable to insert in a report as a permanent public record, to which the City Council may at any time refer for their guidance in carrying out your plans by needful appropriations.

My second annual report gave such a full discussion of the subject of tree planting that I only refer to it for the purpose of confirming the views and suggestions there presented, and to state that so far as the appropriations have admitted, I have continued the planting of trees and shrubs according to the plans adopted in former years. In order to render this attraction to our parks not only instructive, but capable of awakening renewed interest, I would suggest that an effort be made to obtain trees fitted to grow in our climate, procured from historical localities, if possible, at no great expense, or of peculiar foliage, or possessing other natural characteristics, so that aside from their value as botanical specimens they may afford pleasure to all who resort to our parks. This last year three charter oaks, grown from the acorns of the historical charter oak of Connecticut, have been planted upon the Public Common, and are now in a thriving condition, so

that we may hope at no distant day to boast that we have not only the Liberty Tree which came from Washington's birthplace, but also grandchildren of that oak which was made the repository of the chartered liberties of our sister commonwealth.

Much sentiment has attached to trees in all lands and in all ages. Acorns from the oaks of Mt. Vernon were presented to the Tsar of Russia by a brother of the late Senator Sumner. They were planted, by order of the emperor, in the imperial preserves of St. Petersburg, and there grew into fine trees, the acorns from which were, in their turn, brought back to the United States by Mr. Hitchcock, then ambassador to Russia and now secretary of the interior. These acorns will be planted at Mt. Vernon, near their "grandparents."

After a recent visit to England, Senator Hoar of Massachusetts brought back young British oaks from the royal forest of Dean and chestnuts from the estates of the Earl of Ducie. These will be studied by our foresters as they grow in the mall at Washington. Within the enclosure of the Botanical Gardens at Washington many trees, planted by prominent American statesmen, have grown to be objects of great interest and beauty. Charles Sumner planted a European hornbeam; Thaddeus Stevens an Oriental plane-tree; Senator Beck an American elm; President Hayes a rare variety of oak; Senator Hoar a cedar of Lebanon. A Scotch plane-tree planted by Senator Frye is pointed out to all visitors. There are many others, but enough have been mentioned to show the interest that attaches to a tree carrying the name of the person by whom it was planted.

A condense summary of the total expenditures for park purposes from the time the Board of Park Commissioners were appointed by the City Council and assumed the control of the department up to the present

time shows for the purchase of land for improvements and maintenance of the same for eleven years a total of $308,937.29, being an average cost of $4.42 per capita of our population for all expenses incidental to acquiring, improving and maintaining our park system. The average annual appropriation for improvements and maintenance has been $19,092, amounting to 22 cents per capita, and I feel confident in the assertion that no one of our population would consent to part with or willingly give up the privileges and opportunities our parks afford for the small sum which they are costing. The pleasure, contentment and well being of a people are greatly enhanced, and very much depends in a manufacturing city with a community composed of a population like New Bedford, and which is yearly increasing its inhabitants by the introducing of new manufacturing industries, by having proper places for them to congregate, individually and with their families, upon Sundays and holidays, or whenever absent from their work. We are very likely to judge of a city and its people by the looks of its streets, public buildings, parks and other city property. If they are neat, well kept and attractive, it is safe to say the city is thriving and its people thrifty and intelligent.

## BROOKLAWN PARK.

No radical change has been effected in this park during the year. A building from Hazlewood Park was removed in sections and utilized in the erection of a building for sheltering such animals as we have at Brooklawn requiring protection from our winter weather. All the buildings have been re-painted in pleasing colors, and the entire park maintained in a highly attractive

condition. The attendance of the public has been greater than ever before. During the past year we have made considerable addition to the water fowl, which enliven the ponds, by the purchase of six mandarin, six wood and six spring drakes, two black ducks, four black-winged teal, four gray-winged teal, four Saganay and six cull ducks. We have also bought two cow elks, and one fawn has been born. So we now have upon that park five elk. Just before the Fourth of July we added, for the gratification of children, a new merry-go-round, capable of carrying forty to fifty children. We are indebted for this acquisition to the conception of Mr. Theodore Wirth, Superintendent of Parks at Hartford. It has never been patented by him. It is an automatic contrivance, consisting of a disc platform, some twelve feet in diameter, the outer edge being used as a seat and provided with a footboard, by means of which the children can get on and off at will. The whole construction rests upon ball bearings, so that the least effort puts it in motion and enables it to be run for a long time without any mechanism or other motive power than that imparted by the children at their own pleasure. From estimates made, I may say that during the summer vacation thirteen thousand Sunday School children resorted to the parks with their teachers for recreation, and that 87,700 persons visited the park and attended the band concerts. There were sixty-four games of baseball, fourteen games of cricket and twenty-five games of football, at one of which five thousand spectators were present. And yet, with all these varied uses of the park, I have not found a single act of vandalism, but good order and a proper regard for the enjoyment of others has uniformly prevailed. A cub bear, which was sent to Dr. John C. Shaw of this city from Lake River, Me., was presented by him, and has been provided a home at Brooklawn Park. During

February and March the greater portions of the grass plats were top dressed with manure from the city stables, and the improved appearance of the lawns and greenswards amply justified the expenditure. In this park, as well as the other parks of our city, there is great opportunity for improvements, as only about one-half of the park has ever received any consideration from the Board. The large piece of cleared land on the north side of the park is favorably adapted to be made into a playfield and pond for skating in winter and a thing of beauty in the summer. There is a great demand by the large population in that part of the city for a proper place for athletic sports, and while all the accommodation possible is afforded them and every effort made to meet their demands, yet the place is far from answering the requirements of such amusements. But it could be, with sufficient outlay, made into an ideal playfield, and fill a long-felt want of the large community in that part of our city who delight in outdoor sports. The extension of Bowditch street by the city through the west portion of the park, permission for such extension having been given by a former park board, has destroyed that portion of the forest drive which encircled the boundary of the park, leaving a strip of woodland about one hundred and fifty feet on the west of the new street, and rendered it useless for park purposes. With the completion of the street it will be a convenient way for heavy team travel from the north to make a short cut through the park to Acushnet avenue, and I would call the attention of the Board to the necessity of either building a fence on the line of the street and constructing anew that portion of the forest drive taken by the city, or adopting some stringent rules regulating the travel by heavy teams through the park. Every Sunday afternoon, from early in May until September, band concerts were given, and enjoyed and

appreciated by throngs of people. The park has been well kept and maintained, the grass, trees and flowers properly cultivated, and is in every way as good condition or better than ever before.

## BUTTONWOOD PARK.

This park has claimed more attention the past year than was anticipated when the Board made its estimates for the year. Owing to an unforeseen accident early in the spring it was necessary to expend an amount not contemplated when the annual appropriation was made. The pond, which covered about eight acres, was formed by constructing a dam at its south end by means of a wall, which was laid dry and not pointed with cement. For some time previous to the accident it had been thrown out of line by frosts, and needed repairs, portions of it having fallen into the pond. The sluiceway forming the outlet of the pond was built of timber and had rotted away, so that when the heavy flood of water caused by the spring rains and the overflow from the ice ponds above destroyed the sluiceway the waters overflowed the roadway and rendered the bridge unsafe. It therefore became necessary immediately to make needed and extensive repairs, which, under your direction, was done by building an entirely new wall, laid in cement for a distance of 496 feet, and also constructing a spillway of stone, the whole surmounted by a handsome and substantial iron fence 4 feet high and 496 feet in length. The roadway to the south of the wall was widened to 67 feet, and a retaining wall 505 feet in length was built on the south line. Filling of the roadway and leveling it up to grade was not quite completed when work was stopped

for the season. It will require more filllng to complete it, which should be done as soon as the weather will permit. Beginning at the line of Rockdale avenue, we built a walk 12 feet wide of cinders and screenings from the crusher, and made a lawn 10 feet wide between the roadway and the sidewalk for the distance of 1,232 feet westerly to the east line of the pond, and across the pond to the skating house, connecting with the Forest road.

It was originally contemplated in laying out Buttonwood Park that the City would obtain access to it by obtaining a right of way from Kempton street through Brownell avenue, which was accepted and laid out by the City, but never improved, thus causing those owning wood lots in that locality to use the driveways in the park for heavy teaming, for an outlet to their property, so that carriage driveways have been badly damaged, as they were not constructed for such rough treatment. It is respectfully suggested that the City should either pay for the improvement by a through to Kempton street by way of Brownell avenue, or for the macadamizing of the driveways of the park, as well as of the roads giving access to the parks. There has been a greater interest shown in the winter amusements during this last year than at any previous time since the opening of the park. No less than 29,000 skaters availed themselves of the exercise of this sport up to the first day of December, 1902. The total number of visitors at this park is estimated at 116,000. One Jenke's drinking fountain, with eight cups, has been put up opposite the pavilion for the supply of good drinking water. The following list will show the number and kinds of trees and shrubs planted in this park during the year:

TREES.

20 Sugar Maple
10 Beech, Purple
5 Horse Chestnut
5 Horse Chestnut, Red Flowering
20 Catalpa Bungei
10 Laburnum
5 Maple, Japan, Atropurpureum
5 Colorado Blue Spruce
246 Norway Spruce

SHRUBS.

100 Berberis-Purpurea
100 Berberis Thunbergi
10 Prunus Pissardi
100 Sambucus Aurea
50 Spiraea Thunbergi
100 Spiraea Houttei, Van
100 Syringa, Golden Leaf
100 Syringa Grandflora
100 Weigela, Variegata
100 Weigela, Eva Rathke
200 Hydranga, P. G.

I am gratified to announce the receipt of the following donations during the year:

2 guinea pigs, from Mr. Mark Bonney
2 Hawks, from Dr. Lewis
1 Goat, from Captain Manley
3 guinea pigs, from Master Allen Gardner

## COMMON.

This ornament to our city cannot be treated in the same manner as an ordinary park. It is unique in its character, as it affords a sylvan retreat in its densely wooded eastern portion, where flowers will not grow, and

a public garden, which heretofore has been devoted to lawns, flower-beds and shrubbery. During the past year new beds and flowers and shrubs have been added, with a view of making it more attractive than ever. And here may be found in the month of roses several hundred variety of that flower, in addition to other floral attractions. The beauty of the Common may be enhanced by the addition of a pond for aquatic plants, situated at the foot of the slope up which stands the flagstaff, intermediate between that slope and the soldiers' monument; and I would recommend such an improvement and an early construction of the same, and at some subsequent time a fountain might be added, which would render that vicinity not only beautiful, but restful and attractive to a large population living in its vicinity.

It may be well here to place on record for future reference some data obtained from the records of the City Engineer, which show that two of the seven acres now included in the Common were obtained in small lots, and that all, except two deeds have been made since New Bedford became a city.

The present area of the Common, including the land between Pearl and Pope streets, which forms the double Pleasant street, is 7 acres 69½ square rods.

The town of New Bedford acquired the "town lot" of 5 acres and 3 rods from Alexander and Sarah W. Read, May 20, 1822, and the deed is recorded in book 1, page 389, at the Registry of Deeds.

The town of New Bedford acquired from William G. E. Pope and Bethuel Penniman on Dec. 26, 1846, a small triangle adjoining the town lot, area not given. It is bounded by Pearl and State streets and by the town lot in the description. Perhaps this was a Christmas present, for the deed went on record the day after Christmas. The deed is in book 14, page 44.

In the year 1853 there were eight transfers of land to the City of New Bedford, as follows:

James Beetle to the City, June 11, 30 rods. Book 25, page 60.

Bethuel Penniman and William G. E. Pope, June 13, 25.98 rods. Book 25, page 61.

William G. E. Pope, June 9, three lots, 50.34, 14.98 and 29.03 rods. Book 25, page 62.

Horatio Smith, June 13, 45 rods. Book 25, page 23.

Jonathan R. Ward, June 13, 50.37 rods. Book 25, page 64.

Bethuel Penniman, Jr., June 9, 28.37 rods. Book 25, page 64.

John Coggeshall, June 9, 92.55 rods. Book 25, page 65.

Edward S. Ritchie, June 13, 16 rods. Book 25, page 66.

The elm leaf beetle and other insect pests which have made their unwelcome appearance, and which have been somewhat destructive throughout the city during the last year or two, made their onslaught upon the trees of the Common; but they were met with strenuous treatment, and the endeavors to keep them in check and destroy them were very successful, and by spraying, using a Ware spraying machine, with Bowker's Disparene for the insecticide, they were controlled, and I expect that by prompt and careful attention and thorough and assiduous care, the trees will continue to maintain their foliage and the pests prevented from doing their work.

## HAZLEWOOD PARK.

This park comprises twenty-eight acres, and was purchased by the City and turned over to the Park Board, November 19, 1901. Nothing was done by the Board

towards the improvement of the park until the following spring, when work was commenced and continued through the season. The many and unsightly stone walls, being the dividing lines between the three estates formerly comprising the twenty-eight acres, were removed, opening up into one large tract the entire area, and thus exposing to view the beauties of the place. Several buildings, including the greenhouses, were sold at auction and removed, and the ground ploughed and seeded. The roads leading into and through the park were widened and covered with crusher screenings. The old henhouse was removed in sections to Brooklawn Park and fitted for the winter home of the monkeys, pea fowls, ducks and pheasants, and has answered the purpose admirably. The old carriage house was made into a workshop and toolhouse. The Rachael Howland cottage was repaired and fitted for the assistant superintendent. The Lucus house has had some repairs to the roof to keep the weather out, and the doors and windows boarded up and the building left until the Board could determine what use it could advantageously be put to in the future. The W. D. Howland house remains as it was when purchased, having been closed to the public. The interior of the great barn connected with the house has been changed by removing the stalls, partitions and closets, making it into one large and commodious room for the use of the public for shelter in stormy weather. The groves have been cleared of brush and the accumulation of leaves, old dead trees removed, and others thinned out where they were too dense for their healthy growth. The city water was carried into the park from Brock avenue through a three-inch main a distance of seven hundred feet, and connected with two Jencke's fountains, having eight drinking cups to each fountain. One hundred settees from the Belmont Iron Works were purchased and

distributed throughout the park in suitable localities; also twenty Fairfield swings purchased and set up, together with twelve bicycle racks, having a capacity of twenty-four each. During the summer band concerts were given Sunday afternoons, and attracted large numbers of people. The amount of work done, the results accomplished and the welcome reception by the public are gratifying for the first season. A new band stand should be built at once, if it is, as I suppose, the intention of the Board to have Sunday afternoon concerts, as the one now in use is old, delapidated and unsightly, as well as unsafe. The two pieces of land in the centre of the park, composed of about 5¼ acres, have been ploughed and made ready for seeding in the spring, and will make a magnificent lawn effect, being surrounded by the groves and many rare and beautiful trees. The possibilities of this park are great, and with sufficient outlay, which need not be large in comparison with our other parks, can be made, with its groves, lawns and beautiful shore, an ideal summer recreation ground and resting place from the heat and turmoil of the city. No other park in the city has so extensive and diversity of views, both marine and landscape, and with the opportunities afforded by its location and surroundings should be as speedily as possible developed in its entirety and made the one completed park in our system. The Howland house, so called, should be converted into a shelter house, a museum and a branch of the city library for the use of the citizens in that vicinity as well as the patrons of the park should be established therein, and a large and wide piazza surround the building. It would be an outlay justified completely by the great advantages, convenience and absolute profit to both mind and body of a large population. I do not hesitate to strongly recommend such an improvement.

## GROVE PARK.

This park is one of the most frequented localities in the hot months of summer, and throughout the year at certain hours of the day multitudes of people pass and repass it on their way to neighboring mills, and it has been a thoughtful subject by the Park Board how best they could render it not only available as an attractive resting place on summer evenings and in the intervals between work for the large mill population in that vicinity, but as a welcome playground for the children.

It is bounded by Water, Front, Blackmer and Rivet streets, and contains 149.32 rods, the northern part being composed of a ledge of rock rising some five feet above the ground, being about one-fith of the whole area. It seemed apparent to the Park Board that it would be useless to attempt to beautify it with grass, shrubbery or flowers, as the area is so small and the demands of the people of the neighborhood for its use so great that it would be impossible to keep it in order under those conditions. So the Board decided to make it into a playfield for both young and old, and contracted with the Narragansett Machine Co. of Providence, R. I., for a complete out-door athletic apparatus, which contract was fulfilled to the satisfaction of the Park Commission, and the problem of what to do with Grove Park was solved. All day long the little park is crowded with hundreds of happy and contented children, safe from the dangers of playing in the street and engaged in innocent and healthful recreation; and after working hours the larger ones take the place of the children, and until darkness appears Grove Park is furnishing pleasure and enjoyment to a large part of our community who above all others should be favorably considered by our City. That it was a wise and judicious expenditure of park funds there can be no doubt, and the Park Commission are to be

commended for the thoughtful consideration of those of our population who live in such a congested location, and who have heretofore been deprived of the pleasures of the park system enjoyed by others.

I would recommend that other small areas throughout the city be acquired by purchase or lease for the same purpose, notably in the vicinity of Wamsutta Mills and near Bolton road and Rivet street.

## TRIANGLE PARK.

The expenditures on this piece of land have consisted of keeping the grass cut and the few flower-beds kept supplied with seasonable flowers. The residents in the neighborhood of this "Triangle" are satisfied to have it kept in its present shape, and enjoy the sight of its tidy and well kept condition, rather than making it a playground for the children. The addition of more such places throughtout the city would add to the beauty and attractiveness, and would be a constant object lesson to our children as well as the older ones in civic picturesqueness.

Respectfully submitted,

THOMAS W. COOK,

General Superintendent.

# Financial Report.

NEW BEDFORD, December 31, 1902.

*To the Board of Park Commissioners:*

GENTLEMEN: — I have the honor to submit the ninth annual report of the receipts and expenditures of the Department of Parks for the year ending December.

STATEMENT OF PARK EXPENDITURES.

| COMPARATIVE STATEMENT. | | ITEMIZED STATEMENT. | |
|---|---|---|---|
| | | 1892–1902. | |
| 1892, | $77,936.87 | Buttonwood, | $100,267.27 |
| 1893, | 5,734.79 | Brooklawn, | 96,290.96 |
| 1894, | 24,458.95 | Common, | 42,702.14 |
| 1895, | 21,321.17 | Marine, | 8,546.16 |
| 1896, | 10,054.26 | City Hall, | 615.25 |
| 1897, | 14,834.89 | Triangle, | 910.87 |
| 1898, | 20,620.70 | Grove, | 9,458.28 |
| 1899, | 18,879.33 | Pine, | 632.58 |
| 1900, | 20,581.53 | Hazlewood, | 38,470.79 |
| 1901, | 51,011.63 | Office, | 11,042.99 |
| 1902, | 43,503.17 | | |
| | $308,937.29 | | $308,937.29 |

## FINANCIAL STATEMENT FOR THE YEAR 1902.

| Dr. | | Cr. | |
|---|---|---|---|
| Buttonwood Park, | $15,235.01 | Appropriations, | $43,000.00 |
| Brooklawn Park, | 9,518.76 | Credits, | 29.76 |
| Common, | 5,612.61 | | |
| Triangle Park, | 50.00 | | |
| Hazlewood Park, | 10,470.79 | | |
| Office, | 2,616.00 | | |
| Unexpended, | 26.59 | | |
| | $43,529.76 | | $43,529.76 |

## MAINTENANCE OF BUTTONWOOD PARK.

| Dr. | | Cr. | |
|---|---|---|---|
| Asst. Superintendent, | $728.00 | Net expenditures, | $15,215.01 |
| Police, | 947.65 | Credits, | 20.00 |
| Labor, | 2,301.08 | | |
| Ex. and supplies, | 277.90 | | |
| Lighting, | 217.23 | | |
| Skating, labor, | 334.99 | | |
| Labor, dam and road, | 8,370.33 | | |
| Labor, trees and shrubs, | 301.25 | | |
| Animal supplies, | 932.44 | | |
| Improvement, | 528.11 | | |
| Repairs, | 230.03 | | |
| Drinking fountain, | 66.00 | | |
| | $15,235.01 | | $15,235.01 |

## MAINTENANCE OF BROOKLAWN PARK.

| Dr. | | Cr. | |
|---|---|---|---|
| Asst. Superintendent, | $887.28 | Net expenditures, | $9,501.76 |
| Police, | 1,215.00 | Credits, | 17.00 |
| Labor, | 3,873.98 | | |
| General supply, | 135.79 | | |
| New animals, | 361.45 | | |
| Dressing, | 97.79 | | |
| Improvement, | 954.57 | | |
| Animal supply, | 403.48 | | |
| Maintenance, | 155.82 | | |
| Repairs | 1,325.94 | | |
| Plants, | 107.66 | | |
| | $9,518.76 | | $9,518.76 |

## MAINTENANCE OF COMMON.

| Dr. | | Cr. | |
|---|---|---|---|
| Asst. Superintendent, | $910.00 | Net expenditures, | $5,612.61 |
| Police, | 803.55 | | |
| Labor, | 2,500.83 | | |
| Lighting, | 201.46 | | |
| Plants, trees, flowers, | 251.96 | | |
| Rent, | 240.00 | | |
| Supplies, | 343.98 | | |
| Dressing, | 212.90 | | |
| Repairs, | 24.64 | | |
| Elm leaf beetle machine | 123.29 | | |
| | $5,612.61 | | $5,612.61 |

## MAINTENANCE OF TRIANGLE PARK.

| Dr. | | Cr. | |
|---|---|---|---|
| Care of flower-beds, | $50.00 | Net expenditure, | $50.00 |

## MAINTENANCE OF HAZLEWOOD PARK.

| Dr. | | Cr. | |
|---|---|---|---|
| Asst. Superintendent, | $468.00 | Net expenditures, | $9,978.03 |
| Labor, | 3,550.76 | Sale of buildings, | 492.76 |
| Police, | 392.00 | | |
| Supplies and expense, | 243.74 | | |
| Repairs, | 76.58 | | |
| Improvements, | 4,460.44 | | |
| Seats and Swings | 469.56 | | |
| Dressing, | 170.06 | | |
| Plants, | 519.65 | | |
| Drinking fountains, | 120.00 | | |
| | $10,470.79 | | $10,470.79 |

## OFFICE EXPENSES AND MISCELLANEOUS.

| Dr. | | Cr. | |
|---|---|---|---|
| Superintendent and Clerk, | $1,534.13 | Net expenditures, | $2,616.00 |
| Miscellaneous labor | 5.00 | | |
| Rent, | 250.00 | | |
| Supplies and expenses, | 177.40 | | |
| Stationery, printing, reports, etc., | 530.07 | | |
| Traveling expenses, | 119.40 | | |
| | $2,616.00 | | $2,616.00 |

## MONTHLY EXPENDITURES.

| | | | | |
|---|---|---|---|---|
| 1901 | | | | |
| December, | Labor and Supplies, | | $1,273.85 | |
| 1902 | | | | |
| January, | " | " | 1,786.03 | |
| February, | " | " | 1,305.88 | |
| March, | " | " | 1,634.36 | |
| April, | " | " | 2,995.72 | |
| May, | " | " | 4,898.80 | |
| June, | " | " | 5,399.45 | |
| July, | " | " | 2,851.19 | |
| August, | " | " | 3,452.80 | |
| September, | " | " | 8,905.97 | |
| October, | " | " | 4,836.12 | |
| November, | " | " | 3,664.88 | |
| December, | " | " | 498.12 | |
| | | | | $43,503.17 |

LABOR AND SALARY PAY ROLL FOR THE YEAR.

| | | | |
|---|---|---|---|
| 1901 | | | |
| December, | Pay roll No. 1, 2, 3, | $733.10 | |
| 1902 | | | |
| January, | " No. 4, 5, 6, 7, 8, | 1,003.55 | |
| February, | " No. 9, 10, 11, 12, | 816.42 | |
| March, | " No. 13, 14, 15, 16, | 769.90 | |
| April, | " No. 17, 18, 19, 20, | 1,206 08 | |
| May, | " No. 21, 22, 23, 24, 25, | 2,307.39 | |
| June, | " No. 26, 27, 28, 29, | 2,076.60 | |
| July, | " No. 30, 31, 32, 33, | 2.168.54 | |
| August, | " No. 34, 35, 36, 37, 38, | 2,851.09 | |
| September, | " No. 39, 40, 41, 42, | 1,216.34 | |
| October, | " No. 43, 44, 45, 46, 47, | 3,706.83 | |
| November, | " No. 48, 49, 50, 51, | 3,054.12 | |
| December, | " No. 52, | 498.12 | |
| | | ——— | $22,408.08 |

Respectfully submitted,

THOMAS W. COOK,

Clerk.

IN BOARD OF ALDERMEN,
New Bedford, Mass.

Received, ordered printed in the City Documents and sent down for concurrence.

D. B. LEONARD, City Clerk.

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IN COMMON COUNCIL,
New Bedford, Mass.

Concurred.

W. H. B. REMINGTON, Clerk.

1903. CITY DOCUMENT No. 15.

# Eighth Annual Report

OF THE

# BOARD OF CEMETERY COMMISSIONERS

NEW BEDFORD, MASS.

For the Year Ending December 3, 1902.

NEW BEDFORD, MASS.
THE A. E. COFFIN PRESS, CITY PRINTERS.
1903.

# THE NEW BEDFORD CEMETERIES.

OAK GROVE. RURAL. PINE GROVE.
GRIFFIN STREET.

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## BOARD OF CEMETERY COMMISSIONERS.

JOHN G. NICHOLSON, CHAIRMAN.
WILLIAM M. HIGHAM.
CHARLES H. VINAL, SECRETARY.

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## LOCATION OF CEMETERIES.

RURAL — Dartmouth Street.
OAK GROVE — Parker Street.
PINE GROVE — Tarkiln Hill Road.
GRIFFIN STREET — Cor. Second Street and Morgan's Lane.

CITY OFFICE

MERCHANTS BANK BUILDING, ROOM NO. 304.

CLERK OF BOARD

PARDON A. MACOMBER.

ASSISTANT

MISS IVAH M. HUNT.

SUPERINTENDENT

CHARLES F. CORNELL.

SEXTONS

Oak Grove — Hurlbert E. Thomas.

Rural — Nelson L. Pike. Pine Grove — John F. Gifford.

Griffin Street — Closed.

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The cemeteries are opened daily from March 31st to October 1st until 7.30 p. m., and during the remaining months until sunset.

Maps and plans of lots can be seen and all information can be obtained at the city office or at the cemeteries.

CITY OF NEW BEDFORD.

OFFICE OF THE CEMETERY BOARD.

NEW BEDFORD, MASS.,
December 4, 1902.

To the City Council,
City of New Bedford.

*Gentlemen:* — The Cemetery Department of the City of New Bedford respectfully submit the affairs of this department for the fiscal year, ending December 1, 1902.

## THE CITY'S CEMETERIES.

All burial grounds, owned by and in charge of the City of New Bedford, passed into the control of the Cemetery Department, by an Act of the Legislature, passed November 3, 1893.

The burial grounds and cemeteries, which are either owned by or in charge of the city, are as follows:

### OAK GROVE CEMETERY.

Located in the northwest section of the city about two miles from City Hall, the old portion being situated on the south, while the newer sections are on the north of Parker street, which intersects it. Additional land, containing thirteen acres, was purchased June 1, 1896, for $13,212.00, making the total area of this cemetery 37 acres and 141.87 sq. rods, of which but 7 acres and 98.11 sq. rods remain unimproved.

The house occupied by the sexton is owned by the city, together with barn, tool-house, green-houses and cold frames.

In connection with these grounds, and outside of the cemetery proper, is a piece of land containing about 3,000 square feet, which has been properly fenced, prepared for, and utilized by this department as a nursery, for growing shrubs and trees for future decorations of the cemetery.

### RURAL CEMETERY.

Located in the southwest district of the city, about one and one-half miles from City Hall. This cemetery, originally a private enterprise, was subsequently conveyed to the city by quit-claim deeds, from Henry H. Crapo and 223 others, January 20, 1848. Additional land, containing 70.66 sq. rods, was purchased July 8, 1895, for $3,175.00, to straighten the north line of the

grounds, and 224.55 sq. rods were purchased June 11, 1898, for $2,250.00, to straighten the south line, and 20.86 sq. rods of land were also purchased for $341.34, June 5, 1890, outside the cemetery proper, upon which was erected a tool-house and building for storage purposes. The total area of this cemetery is now 85 acres and 105.27 sq. rods, of which 37 acres and 105 sq. rods still remain unimproved.

The house, situated in this cemetery, is owned by the city, the free occupancy of which is a consideration in affixing the sexton's salary.

Rural Cemetery has two main entrances, one from Dartmouth street and one from Rural street.

A large portion of Rural Cemetery is low land, but being well drained, the ground is in suitable condition for burial in nearly all seasons of the year.

### PINE GROVE CEMETERY.

Located in the north section of the city, and about four miles from City Hall, was purchased in 1853 for $512.50, and contains 10 acres and 89.60 sq. rods. Seven acres 39.15 sq. rods are yet umimproved.

### GRIFFIN STREET CEMETERY.

Located in southeast section of the city, was purchased in 1802 for the sum of $500.00 raised by voluntary subscription, and is now a closed cemetery.

## MANAGEMENT.

The management of this department is vested in the members of this commission, who are represented by a general superintendent, having control over the employes and property of the department. The general superin-

tendent directs the general work carried on in the cemeteries and burying grounds, directs funerals therein, and keeps records of all interments, pertaining to the several cemeteries, together with the location and transfers of bodies.

The general superintendent acts under the direction of the commission, and is responsible to it. The duties of this position are manifold, requiring a knowledge of the needs of all the burial grounds and cemeteries, and personal attention to the varied and different kinds of work carried on in this department.

Since the appointment of a Board of Cemetery Commissioners Mr. Charles F. Cornell has acted as general superintendent, and for 27 years, previous to the appointment of this board, Mr. Cornell has acted in the capacity of custodian and superintendent of cemeteries. Mr. Cornell has performed the various and arduous duties of his position in an efficient manner. The work of the department under his superintendency has gone forward in a way most satisfactory to the Cemetery Board.

The office of the Cemetery Board is at 97 William street, in the Merchants Bank building, Room 304, and is open daily for the convenience of the public.

The board employs a clerk, who is the executive officer of the board, and in accordance with the requirements of the City Ordinances, keeps the records of the board, and has control of all documents, maps, papers and general information pertaining to this department.

The clerk is Mr. Pardon A. Macomber.

While the superintendent has complete charge over all the burial grounds, the department is represented by sextons in the cemeteries, which are open to the public.

## GENERAL WORK OF THE DEPARTMENT.

Marked improvement has been shown the past year in the cemeteries. Special attention has been given to the proper construction of new avenues, and the rebuilding and repairs of many of the old ones.

In Rural Cemetery, the main avenue, from the Dartmouth street entrance to the pond, has been rebuilt, and laid with a surface of asphalt, a distance of 1,500 feet. This improvement has long been contemplated by the board, but the funds at its disposal would not admit of the expenditure until this year. Several new avenues have also been constructed, giving access to the new sections prepared this year. All avenues are now being built by improved methods, first being excavated to a required depth, a stone bedding is then laid, which serves as a blind drain for surface water from the adjoining sections, a filling of small or crushed stone is then laid, followed by a heavy coating of gravel, and finally topped with a cinder covering, all of which is properly graded and rolled. New avenues are all of special increased width, and while the expense of constructing avenues after the above method is materially increased, the results are gratifying in the reduced outlay for repairs.

The increased demand for lots in the cemeteries has warranted the improvement of a large area of the undeveloped portions. In Rural Cemetery, three large sections have been constructed and fitted for burial purposes. Section H, Plot 2, contains 44 lots, at a cost of $1,572.54, Section A3, Plot 7, contains 378 single graves and 51 lots, at a cost of $1,292.88.

The lawn plan system has been closely followed in developing this new land; the sections graded, a three ft. border of green sod surrounding them, and the whole

seeded. Trees and shrubs will be planted along the borders when the season will admit, and flower beds are being designed by the gardener for the new sections; this work, added to the results of previous years, contributes to the general good appearance of the grounds, and is fully in keeping with the modern methods of cemetery improvement.

## OAK GROVE CEMETERY.

Within the last few years, many important changes have taken place in the method of improving this cemetery. The park or lawn plan system was immediately applied to the Caswell farm, a new acquisition to the north of these grounds. An effort has been made to apply its main features to the older portions of the cemetery, while all the new sections have been improved under this system. Section 3 contains 257 lots, and an unfinished portion of Section 5, containing 211 single graves, have been completed, while Section 6 is in process of construction, and nearly finished. Several new flower beds have been added during the year.

Near the Parker street entrance, and in the park portion of the cemetery, a pond has been constructed, supplied from the overflow of the fountain, and around which was arrayed a striking display of shrubs and plants. These, with the aquatic growth, the gold fish, and the centre water spray, combined to make one of the most attractive features in the cemetery. Much credit is due the sexton, Mr. H. E. Thomas, for its construction.

The general appearance and condition of this cemetery has been constantly improved. All corners and unsightly spots have been cleaned up and planted with shrubs and flowers, giving the whole cemetery a pleasant and beautiful appearance.

In connection with these grounds are the green-houses, which supply the different cemeteries with bedding plants, during the season of flowers, and are interesting and attractive to visit in the winter and watch the preparation of plants for decorating the cemeteries the coming season. The product of these houses consisted of 25,905 plants for beds and borders of many beautiful varieties. We have also many varieties of standards for lawn decorations, such as the palm, ferns, dracænas, privot, bananas, hydrangeas, and others,—these are protected in the winter by being housed, where they take upon themselves new growth.

A substantial pit has been built adjacent to the green-house. This is used for the storage of bulbs and such plants as do not require the warmth of the green-house.

We have also constructed a large number of cold frames which are necessary auxiliaries in preparing the products of the green-houses for the flower beds.

## PINE GROVE CEMETERY.

Reference has been made in all our previous reports as to the possible future of this cemetery. Located outside of the thickly populated portion of the city, it presents a nucleus for one of the finest cemeteries in this part of the state. Because of the extension of the electric railway, these grounds are now accessible by the residents of the city. A large area of cleared land, adjacent to these grounds, and now available at a moderate price, should be purchased and annexed to these grounds.

Renewed efforts, from time to time, have been made by the board to the Street Department that Pine Grove street, the only approach to the cemetery, be kept in proper repair, but have failed to accomplish the results desired. In consequence of which, the board is desirous

of building an approach to this cemetery, which will be under the control of this department. Land can be obtained for this purpose through the farm to the east, which will open up an approach, a little to the north of Lunds corner, and directly on the car line from the city. The cost of the land and the construction of the approach would probably not exceed the expense of repairing Pine Grove street, and would be more desirable, as the distance is shortened by one half, and its direct access to the electric cars. We desire that the City Council will be favorably disposed in granting a special appropriation for this purpose.

## GRIFFIN STREET CEMETERY.

A special effort has been made this year to obtain all the records available from the inscriptions on the tablets in these grounds, and from this and other sources, a substantial record has been compiled, which will be properly arranged in the office of the board for the use of the public at all times.

The grass in these grounds has been regularly cut during the season, and the beds of flowers and shrubs have all contributed to the good appearance of these grounds.

## PERPETUAL CARE.

To this important subject the board once more calls the attention of those who own lots and monuments in the cemeteries. We can hardly imagine that the feeling which has prompted a costly purchase and erection should be unaccompanied with a desire that a spot on which so much has been spent, should always be kept in neatness and good repair. In most cases, a very moderate investment will insure the perfect preservation of a plot and of its structures for years to come. Money deposited in "Perpetual Care" constitutes a separate and sacred fund, and its income is expressly devoted to the special object designated by the proprietor. An account is opened with each particular trust, the interest due is credited and the actual expenditures for keeping the lots and improvements in order are carefully noted and charged. If a surplus remains, it is reserved and suffered to accumulate, year by year, to meet the disbursements necessary in the future for extraordinary repairs and other improvements.

Lots and their improvements will be examined and an estimate of the sum required to provide for special perpetual care will be furnished upon request.

| | | |
|---|---|---|
| Amount of Perpetual Care Fund, 1901, | | $66,731.15 |
| Amount deposited for Perpetual Care, 1902, | | 7,680.14 |
| Total amount deposited in Perpetual Care, | | $74,411.29 |
| Number of lots placed in Perpetual Care in 1902, | | 60 |
| Total number of lots in Perpetual Care: | | |
| Rural Cemetery, | 401 | |
| Oak Grove Cemetery, | 320 | |
| Pine Grove Cemetery, | 16 | |
| Friends Cemetery, | 10 | |
| Peckham West Cemetery, | 5 | |
| St. Mary's Cemetery, | 2 | |
| St. John's Cemetery, | 1 | 755 |

## DONATION.

A triangular piece of ground, located in the old portion of Rural Cemetery, adjoining the Anthony lot, has been donated to the department from the estate of the late Edmund Anthony, with the understanding that the sole use shall be for the purpose of embellishing that section of the grounds by planting the same with shrubs and flowers.

## RECEIPTS AND EXPENDITURES.

DR.

| | |
|---|---|
| Balance old account, 1901, | $166.81 |
| Annual appropriation, Jan. 23, 1901, | 12,000.00 |
| Special appropriation, July 3, 1901, | 8,000.00 |
| Receipts, labor on perpetual care lots, 1901, | 2,507.77 |
| Receipts, labor on lots to Dec. 1, 1902, | 8,427.24 |
| | $31,101.82 |

CR.

| | |
|---|---|
| By transfer to unappropriated funds, (see auditor's balance) | 166.81 |
| Expenditures, general, | 30,755.51 |
| Balance to new account, | 179.50 |
| | $31,101.82 |

## RECEIPTS AND EXPENDITURES.

### SALES OF LOTS.

DR.

| | |
|---|---|
| Balance old account, | $239.80 |
| Receipts to December 4, 1902, (lots sold) | 3,956.00 |
| | $4,195.80 |

CR.

| | |
|---|---|
| Expenditures, embellishment and improvement, | $3,331.60 |
| Balance to new account, | 864.20 |
| | $4,195.80 |

Total amount of outstanding accounts, December 1, 1902, $3,059.63

# CLASSIFIED STATEMENT OF EXPENDITURES.

| | | |
|---|---|---|
| **RURAL CEMETERY.** | | |
| General labor account, | $5,584.69 | |
| Extensions, new sections and avenues, | 2,077.67 | |
| Distribution, | 4,846.73 | |
| Dressing, | 592.87 | |
| Supplies, (general) | 1,018.48 | |
| Tools, | 167.20 | |
| Concreting Central avenue, | 1,146.82 | $15,434.46 |
| **OAK GROVE CEMETERY.** | | |
| General labor account, | $3,573.91 | |
| Green-house, labor and maintenance, | 1,436.33 | |
| Green-house No. 2, construction, | 380.80 | |
| Distribution, | 2,855.64 | |
| Extensions, new sections and avenues, | 2,420.26 | |
| Supplies, (general) | 1,143.71 | |
| Dressing, | 245.97 | |
| Tools, | 145.64 | |
| Telephone, | 15.25 | |
| Cold-pit construction, | 448.84 | $12,666.35 |
| **PINE GROVE CEMETERY.** | | |
| General labor account, | 668.59 | |
| Distribution, | 56.17 | |
| Dressing, | 17.14 | |
| Supplies (general) | 38.62 | 780.52 |
| **GRIFFIN STREET CEMETERY.** | | |
| General labor account, | 62.33 | 62.33 |
| Office supplies, | 444.34 | |
| Telephone, | 54.03 | |
| Rent, | 300.00 | |
| Report, | 275.08 | 1,073.45 |
| **SALARIES.** | | |
| Superintendent, | 1,200.00 | |
| Clerk, | 936.00 | |
| Assistant clerk, | 476.00 | 2,612.00 |
| Sexton's salary, Rural cemetery | 720.00 | |
| " " Oak Grove cemetery, | 720.00 | 1,440.00 |
| Telephone, superintendent's residence, | | 18.00 |
| Balance, 1901, unappropriated funds, | | 166.81 |
| Unexpended, sales of lots, | | 864.20 |
| " cemetery funds, | | 179.50 |
| | | $35,297.62 |

## SUPERINTENDENT'S REPORT.

*To the Cemetery Board, City of New Bedford:*

GENTLEMN: — I herewith submit a summary of the work performed in the Department of Cemeteries, during the season of 1902, together with a schedule of property of this department:

| | | |
|---|---|---|
| No. sq. ft. land prepared for burial purposes, | | |
| | Rural, | 53,409 |
| | Oak Grove, | 40,460 |
| No. sq. ft. land graded and sodded, | | |
| | Rural, | 53,409 |
| | Oak Grove, | 40,460 |
| No. sq. ft. land seeded, | | |
| | Rural, | 53,409 |
| | Oak Grove, | 40,460 |
| No. lineal ft. of avenues and walks built, | | |
| | Rural, | 1,034 |
| | Oak Grove, | 1,050 |
| No. tons broken stone used in repairing avenues and walks, | | |
| | Rural, | 128 |
| | Oak Grove, | 15 |
| Foundations built for tablets, | | |
| | Rural, | 137 |
| | Oak Grove | 72 |
| Foundations built for monuments, | | |
| | Rural, | 12 |
| | Oak Grove, | 8 |
| Drains laid, | | |
| | Rural, | 56 ft. |
| | Oak Grove, | 62 ft. |
| No. of neglected lots refitted, | | |
| | Rural, | 7 |
| | Oak Grove, | 10 |
| | Pine Grove, | 3 |

| | | |
|---|---|---|
| No. of neglected headstones refitted, | | |
| | Rural, | 15 |
| | Oak Grove, | 7 |
| | Pine Grove, | 4 |
| No. hedges and fences condemned and removed, | | |
| | Rural, | 11 |
| | Oak Grove, | 10 |
| | Pine Grove, | 1 |
| Trees removed, | | |
| | Rural, | 7 |
| | Oak Grove, | 4 |
| | Pine Grove, | 1 |
| Foundations rebuilt, | | |
| | Rural, | 42 |
| | Oak Grove, | 19 |
| | Pine Grove, | 5 |
| Interments made in lots, | | |
| | Rural, | 184 |
| | Oak Grove, | 168 |
| | Pine Grove, | 16 |
| Interments made in single graves, | | |
| | Rural, | 35 |
| | Oak Grove, | 32 |
| Interments made in Public Ground, | | |
| | Rural, | 87 |
| | Oak Grove, | 28 |
| Interments made in Soldiers and Sailors Lot, | | 8 |
| Total interments in 1902, | | |
| | Rural Cemetery, | 328 |
| | Oak Grove Cemetery, | 228 |
| | Pine Grove Cemetery, | 16 |
| | Friends Cemetery, | 8 |
| No. of brick graves built, | | |
| | Rural, | 24 |
| | Oak Grove, | 19 |
| | Pine Grove, | 1 |
| No. of lots in annual care, | | |
| | Rural, | 822 |
| | Oak Grove, | 648 |
| | Pine Grove, | 47 |
| No. of bodies disinterred this year, | | |
| | Rural, | 33 |
| | Oak Grove, | 17 |
| | Pine Grove, | 7 |

| | | |
|---|---|---|
| No. of prepared lots unsold, | | |
| | Rural, | 740 |
| | Oak Grove, | 333 |
| | Pine Grove, | 13 |
| Actual value of lots unsold, | | |
| | Rural, | $26,000.00 |
| | Oak Grove, | 37,462.00 |
| | Pine Grove, | 455.00 |
| No. of lots sold, | | |
| | Rural, | 35 |
| | Oak Grove, | 31 |
| | Pine Grove, | 5 |
| No. of single graves sold, | | |
| | Rural, | 37 |
| | Oak Grove, | 35 |
| No. of plants raised in green-houses and frames, | | |
| | Rural, | 10,010 |
| | Oak Grove, | 25,905 |
| | Pine Grove, | 885 |
| Trees and shrubs planted, | | |
| | Rural, | 54 |
| | Oak Grove, | 169 |
| | Pine Grove, | 8 |
| Flower and shrub beds, | | |
| | Rural, | 72 |
| | Oak Grove, | 61 |
| | Pine Grove, | 11 |
| | Griffin street, | 3 |
| Cost of maintenance, | | |
| | Rural, | $12,277.69 |
| | Oak Grove, | 7,959.57 |
| | Pine Grove, | 773.72 |
| | Griffin street, | 62.33 |
| Total No. of interments, | | |
| | Rural, | 10,749 |
| | Oak Grove, | 10,928 |
| | Pine Grove, | 486 |
| Average No. of employees, | | |
| | Rural, | 29 |
| | Oak Grove, | 25 |
| | Pine Grove, | 2 |
| Teams, | | 4 |

I desire to call the attention of the board to the imperative need of the extension of the water main in the cemeteries — 1,000 feet should be laid in Rural, and 2,000 feet in Oak Grove, for the convenience of the public and the protection of flower beds, lawns and avenues, remote from the present water supply.

Respectfully submitted,

CHARLES F. CORNELL,
Superintendent.

# LIST OF PROPERTY.

## RURAL CEMETERY.

### OFFICE.

1 Desk,
4 Office Chairs,
1 Framed Plan of Cemetery,
1 Table,
2 pairs Curtains,
1 box Working Plans.

### TOOL HOUSE.

2 Lowering Devices,
1 Watering Cart,
25 Snow Shovels,
11 Pitch Forks,
6 Spades,
2 Wooden Rakes,
1 Level,
24 Picks,
40 Small Drills,
1 Blowing Spoon,
2 Sledge Hammers,
1 Paving Hammer,
11 Iron Bars,
1 Steel Square,
3 Grave Forms,
1 Hydraulic Pump,
4 pairs Grave Rests,
1 Bier,
2 Grind-stones,
1 Snow Plow,
9 Watering Cans,
3 Grave Linings,
1 Paving Pounder,
6 Scythes,
2 Carpenters' Hammers,
1 Hedge Trimmer,
20 Oil Cups,
2 Weeders,
2 Hose Nozzles,
38 Settees,
1 Hose Reel,
2 Ladders,
1 Transportation Wagon,
25 Round Pointed Shovels,
7 Hoes,
9 Sod Cutters,
20 Iron Rakes,
3 Axes,
2 Bill Hooks,
24 Grub Hoes,
2 Blowing Drills,
3 Drilling Hammers,
2 Striking Hammers,
2 Stone Hammers,
2 Claws,
3 Trowels,
3 Derricks,
19 Wheel-barrows,
1 Step-ladder,
2 Vases,
10 Iron Stakes,
14 Lawn Mowers,
3 Tents,
2 Grave Canvasses,
1 Ensign,
6 Scythe Sticks,
1 Stove,
1 Boat,
2 Pruners,
29 Fountain Covers,
2 Augers,
3 Lawn Sprinklers,
2 Stone Rollers,
1 Large Tool-box,

1 Sand Box,
200 ft. New Hose,
1 Vise,
15 Small Tool-boxes,
23 Grass Hooks,
20 Grass Shears,
1 Putty Knife,
20 Rubbish Cans,
200 Bound Stones, (Terra Cotta)
1 Cross-cut Saw,
1 Horse Roller,
6 Bushel Baskets,
75 Small Pails,
400 ft. Hose,
23 P. C. Signs,
10 Wrenches,
1 Chisel,
1 Glass Cutter,
20 Pail Racks,
2 Buck Saws,
3 pairs Rubber Boots,
1 Water Ballast Roller.

## OAK GROVE CEMETERY.

### OFFICE.

1 Desk,
3 Chairs,
1 Framed "Rules and Regulations,"
1 Table,
1 Large Framed Plan of Cemetery,
1 Book of Plans.

### GREEN-HOUSE.

4 Heaters,
150 ft. Hose,
8000 Flower Pots,
2 Stoves,
4 Thermometers.

### TOOL-HOUSE.

1 Express Wagon,
1 Hand-cart,
1 Hydraulic Pump,
2 Lowering Devices,
10 Grass Shears,
20 Grass Hooks,
350 ft. Rubber Hose,
3 Derricks,
4 Watering Cans,
17 Iron Rakes,
2 Canvass Awnings,
4 Grave Canvasses,
1 Stamp "Oak Grove Cemetery,"
1 Lawn Sprinkler,
15 Iron Bars,
8 Sod-pounders,
1 Horse Roller,
1 Plow,
1 Bier,
1 Transportation Wagon,
1 Watering Cart,
1 Grave Pump,
12 Lawn Mowers,
30 Lawn Mowers' Cogs,
9 Wheel-barrows,
3 pairs Rubber Boots,
1 Coil New Rope,
1 Spraying Pot,
1 Horse Drag,
2 Grave Linings,
1 Stencil Plate,
1 pair Hedge Shears,
12 Forks,
13 Sod Cutters,
7 Wooden Rakes,
1 Horse Shovel,
1 Snow Plow,
24 Rubbish Cans,

20 Bucket Racks,
57 Water Pails,
2 Hand Saws,
3 Grave Rests,
3 Chains,
1 Grind-stone,
6 Axes,
6 Scythes,
8 Bushel Baskets,
31 Shovels,
46 Drills,
20 Maddocks,
3 boxes Glass, 18x20,
8 Pick-ax Handles,
1 Lawn Roller,
4 Grave Planks,
1 Water Ballast Roller,
25 Settees,
1 Plane,
3 Trowels,
30 Iron Grave Pins,
4 Hammers,
4 Pruners,
3 Hatchets,
11 Scythe Sticks,
14 Snow Shovels,
4 Hoe Weeders,
1 Blowing Drill,
32 Hoes,
16 Pick-axes,
12 Brooms,
2 Ladders,
2 Grave Frames.

SUNDRIES.

1 Iron Vase,
6 Signs "No Dogs Allowed,"
58 P. C. Signs,
4 Signs "Rules and Regulations,"
20 Public Ground Signs,
10 Signs "Keep Off the Grass."

## PINE GROVE CEMETERY.

1 Desk,
2 Lawn Mowers,
2 Iron Bars,
3 Shovels,
1 Grave Lining,
1 Ax,
1 Watering Wagon,
Plans,
300 ft. Hose,
1 Pick Ax,
1 Grave Canvass,
6 Drills,
1 Hand-cart.

OFFICE.
MERCHANTS BANK BUILDING.

16 Chairs,
2 Desks,
1 Type-writer Desk,
1 Cabinet for Plat-books,
3 Large Maps, (Framed)
1 Book Case,
1 Cabinet,
1 pair Scales,
2 Tables,
1 Letter Press,
1 Type-writer,
12 Plat-books,
1 Case with Working Plans,
1 Card Index,
1 Clock,
"Acts and Resolves of Massachusetts Legislature, 1887–1901."

The demand for single graves for a small consideration is very great, and a large section is now provided in both Oak Grove and Rural Cemeteries, where single graves are supplied at a price within the purchasing ability of citizens of moderate means. These sections are in the improved portions of the grounds. The price of the graves is $10.00 and they are in Perpetual Care.

We believe, also, that the city should establish the policy of furnishing its unfortunate citizens with single graves for the consideration of $5.00. We know that great effort is made by friends and relatives to keep their dead from a free burial, and obtain a final resting place over which they can have control, and for that purpose the department has supplied a portion in each ground.

A demand for small lots available for only two interments has also been provided for this year.

The Cemetery Board have endeavored at all times to protect the interest of persons interested in the cemeteries under their charge. They have given liberally of their time in meeting the various questions which have arisen, and in planning an administration which, it is hoped, has reflected credit upon the city.

We wish to record our appreciation of the Mayor's interest in this department. We look for the continued co-operation and interest heretofore shown us by the City Council, which has ever been most reasonably disposed to this department and its work.

Respectfully submitted,

JOHN G. NICHOLSON, Chairman.
WILLIAM M. HIGHAM,
CHARLES H. VINAL, Secretary.

IN BOARD OF ALDERMEN,
January 23, 1903.

Received, ordered printed in the City Documents, and sent down for concurrence.

D. B. LEONARD, City Clerk.

IN COMMON COUNCIL,
January 23, 1903.

Concurred.

W. H. B. REMINGTON, Clerk.

1903. CITY DOCUMENT No. 16.

# ANNUAL REPORT

OF THE

# INSPECTOR OF MILK, PROVISIONS AND ANIMALS

OF THE

CITY OF NEW BEDFORD.

For the Year Ending December 31, 1902.

NEW BEDFORD, MASS.
THE A. E. COFFIN PRESS, CITY PRINTERS.
1903.

# REPORT

OF THE

# Inspector of Milk, Provisions and Animals.

NEW BEDFORD, MASS.,
Dec. 31, 1902.

*To His Honor the Mayor, the Board of Aldermen and City Council of the City of New Bedford:*

GENTLEMEN: — The report of this office is herewith respectfully submitted.

The main questions occupying this office is the procuring for the citizens of New Bedford, pure, unadulterated, wholesome, standard quality milk, meats and provisions. There is no person who realizes the value of pure milk, both as regards its food value and as a protection against disease, more than the inspector, and I have made it a duty to procure this end by whatever methods, provided they be honest and legitimate that in my own experience, and that of others who know the value of what they suggest, seem under the circumstances the most promising, and it is a fact that as a result New Bedford's milk supply is second to none in this state or country.

The inspector's office at No. 137 Pleasant street, is open during business hours every day, and is visited by

the public in all matters relating to the questions of milk, provisions and animals, such as bringing samples of milk and provisions for inspection and investigation, and making inquiries and complaints on various matters, all such complaints have been cheerfully and thoroughly investigated to the perfect satisfaction of all parties interested.

No person need be in doubt about the purity of their milk supply, or the quality of meat, poultry, fish or provisions of any sort, when a visit to this office, provided by law for the use of the public, will give all the needed information and assistance.

The quantity of milk brought into this city averages about twenty-seven thousand quarts per day, and I have not found but one sample out of over eight hundred examined that was below the standard required by law.

It is my duty to make an inspection of all cattle owned within the city limits, and ascertain their condition as to the existence of contagious diseases, and the general condition and cleanliness of said cattle.

Also to minutely examine the barns, stables, or other enclosures in which cattle are kept, with reference to their situation, cleanliness, light, ventilation and water supply, all of which I make out a detailed report with names, etc., etc., to the State Board of Agriculture, which is embodied in their annual report to the Legislature. This year I have condemned four places where cattle were being kept, and they have been abolished, and now the cattle and their abodes are in better condition than ever before.

I have caused to be killed during the year 12 glandered horses, and 7 tuberculous cows, and proved my diagnosis by post mortem examination. And have also quarantined all sick and debilitated animals coming under my notice during the year.

I inspect the slaughter of all animals killed for food purposes within the city limits, and condemn all that are diseased. I have also condemned and destroyed large

quantities of meats, vegetables and fruits, as being unfit for food purposes.

During the present year we have been visited by a disease among cattle, sheep, and swine, known as Foot and Mouth disease. Luckily it has not made its dreaded appearance in our city as yet, but is still raging over quite an extended section of the state. This has caused an extra inspection of all animals within the limits of our city, and very much extra work besides, in keeping the quarantine in force, and making investigations as to all kinds of suspected cases, many of which have been brought to my notice by the public, who were honest, and anxious to keep the dreaded disease at a distance, and to all who have thus interested themselves, I take this method of returning to them my sincere thanks.

We would have, no doubt, been visited by the disease long ago, had it not been for the able management of Dr. Austin Peters, Chief of the State Cattle Bureau, and I can truly attest to the good fortune of the public, in having so efficient and able, honest, conscientious and impartial, thoroughly qualified man, as the leader in suppressing this disease, who has worked night and day under the most trying circumstances imaginable, and all those who have found fault with his management of affairs, during the existence of this terrible epizootic, if their qualifications and executive ability should be weighed in the balance with those possessed by this eminent veterinary surgeon, would be found sadly wanting.

I have issued 318 licenses for the sale of milk, and oleomargarine, at fifty cents each, which has been paid into the city treasury.

My duty is also to seize, quarantine, condemn and kill all animals suffering with contagious or infectious diseases, after a thorough and careful examination and test, and it has been my pleasure to strictly and impartially perform this duty to the best of my ability, and the

full extent of my authority, thus giving to the inhabitants of New Bedford as little danger as is possible of contracting these fatal diseases, which are carried to the human family by contagion and infection.

Respectfully submitted,

DR. D. C. ASHLEY,

Inspector.

IN BOARD OF ALDERMEN,
Feb. 26, 1903.

Received, ordered printed in the City Documents, and sent down for concurrence.

WM. S. COOK, Ass't City Clerk.

IN COMMON COUNCIL,
Feb. 26, 1903.

Concurred.

W. H. B. REMINGTON, Clerk.

1903 — CITY DOCUMENT No. 17.

# LIST OF JURORS.

CITY OF NEW BEDFORD.

## 1903.

CLERK'S OFFICE,
March 4, 1903.

This certifies the following to be a correct list of persons prepared as provided by law to serve as jurors for the year 1903.

Attest: DANIEL B. LEONARD,
City Clerk.

## A

Adams Alexander H. 115 Park, printer
Adams Charles H. 535 County, no occupation
Adams Stephen F. 223 Maxfield, merchant
Adshead Frank, 83 Walden, machinist
Akin Charles G. 3 Morgan terrace, merchant
Akin James, 24 High, mechanic
Albiston Roger W. 718 County, tailor
Allen Daniel E. 76 Shawmut ave., butcher
Allen Daniel R. 171 Smith, waiter
Allen George F. 239 Arnold, retired
Allen James H. 68 Foster, machinist
Alley Alfred G. Jr. 53 Chestnut, grocer
Alley Ernest V. 257 Palmer, advertising writer
Almy Norman L. 21 Morgan, retired
Almy Walter C. 2 Green, clerk
Almy William T. 37 Purchase, shoemaker
Ames Yorick W. 325 Middle, janitor
Andress Benjamin A. 408 Kempton, clerk
Andrews Thomas L. 233 Acushnet ave., grocer
Andrews Wilson P. 169 Acushnet ave., carpenter
Anthony Elisha D. 7 Maple, broker
Anthony George W. 193 Emerson, druggist
Arey Allen C. 159 Washington, gas fitter
Arnold Thomas S. 7 LaFrance ct., store keeper
Arnott George, 12 Margin, spinner
Ashley Isaac L. 66 Spring, stable
Ashley Joshua B. Jr. 78 North, marketman
Ashley Moses E. H. 99 Fair, clerk
Atwood Herbert M. 49 Smith, carpenter
Atwood William W. 244 Pleasant, janitor

## B

Bachelder Percy E. 27 Dartmouth, civil engineer
Backus George F. 211 Rivet, engineer
Baker Ansel G. 183 Fourth, machinist
Baker Daniel W. 60 Fifth, grocer
Baker George O. 261 County, retired
Baker Michael A. 82 Chestnut, master mariner
Baldwin George W. 385 Cottage, blacksmith
Bancroft Julius V. 194 Pleasant, street sprinkler
Bannister John W. 194 Pleasant, merchant
Bannon James S. 11 Hyacinth, barber
Bannon John H. 11 Hyacinth, plumber
Bannon Lawrence A. 11 Hyacinth, stone cutter
Bannon William F. 11 Hyacinth, assessor
Barrows Eugene M. 662 County, paint manufacturer
Barry Richard Jr. 285 Cedar, clerk
Bartlett Clarence H. 450 County, clerk
Bassett Andrew H. w. s. Tobey road, butcher
Bassett Ellery R. 166 Mill, electrician
Bassett Walter H. 185 Pleasant, manager
Bates Edwin A. 154 North, real estate
Bates James W. 154 Mill, grocer
Bates Lot B. 425 Acushnet ave., grocer
Bates Orrin, 62 Hillman, confectioner
Baudoin Edouard H. 303 County, jeweler
Baylies Charles S. w. s. Acushnet ave., clerk
Bearse Albert C. 7 Franklin, shipping clerk
Bearse Clarence A. 7 Franklin, carpenter
Beetle John H. East French ave., lumber surveyor
Begley Edward J. 15 Chestnut, plumber
Bennett William H. 5 Richmond, grocer

Bentley George B. 24 Mosher, top roll coverer
Bentley Loren T. 40 Bowditch, second hand
Bentley Samuel E. 69 County, retired
Bessey James A. 184 North, printer
Blackmer Herbert A. 46 So. Sixth, druggist
Blair John K. 95 Morgan, sign painter
Blake George A. 183 Kempton, clerk
Bliss William, 134 Arnold, clerk
Bly Leslie A. 37 Madison, machinist
Bly William L. 67 So. Sixth, clothing
Booth Edward H. 35 Durfee, car inspector
Booth Zachariah E. 311 County, bookkeeper
Borden Albert E. 265 Mill, clerk
Borden Charles F. 275 County, pattern maker
Borden George B. 1285 Rockdale ave., farmer
Borden Harrison T. 10 Fair, wood and coal
Borden Thomas J. 5 Stone, machinist
Bouchard John, 31 Richmond, barber
Bowen George H. 63 No. Second, moulder
Bradford Edgar V. 145 Newton, overseer
Bradley William E. 300 County, foreman livery stable
Braley George A. 73 Dean, belt maker
Braley Jasper W. Jr. 619 County, grocer
Braman Frederick A. 38 Foster, assistant engineer
Brawley Edward L. 68 Walden, clerk
Brennan John W. 144 Willis, foreman
Briggs Allen G. w. s. Tobey road, blacksmith
Briggs Byron A. 37 Campbell, carpenter
Briggs Charles F. 48 Walnut, teamster
Briggs George E. 1 Fair, builder
Briggs Philip S. 173 Aushnet ave., salesman

Brightman Charles O. 82 Mill, contractor
Brightman George F. 1242 Acush. ave., master mariner
Brightman Harry C. 187 Pleasant, clerk
Brightman Harry S. 101 Allen, polisher
Broadbent William S. 610 County, steam fitter
Bromley David, 951 So. Water, grocer
Brooks Arthur T. 191 River road, machinist
Brooks John B. 191 River road, engineer
Brown Charles H. 25 Willow, clerk
Brown James H. 212 North, machinist
Brown Oliver F. 139 Cottage, retired
Brown William L. G. 114 Sycamore, florist
Brownell Charles T. 153 Mt. Pleasant, farmer
Brownell Clarence H. 87 Mill, clerk
Brownell Elmer W. 83 Florence, grocer
Brownell Elnathan C. 354 County, marketman
Brownell Gilbert K., Reed, insurance agent
Brownell Herbert J. 133 Chestnut, clerk
Brownson George L. 1043 Acushnet ave., mason
Bryant Aaron C. 721 Kempton, carpenter
Bryant Alden H. 721 Kempton, jeweller
Buchell Charles N. 51 Russell, shoe dealer
Burbank John T. 68 Parker, bookkeeper
Burgess Charles T. 74 Willis, shoecutter
Burgess George W. 68 So. Sixth, machinist
Burns Albert M. 54 Hillman, grocer
Burns Robert O. 215 Arnold, clerk
Burt Henry P. 355 Union, retired
Butler Harry W. 51 Locust, reporter

C

Caldwell Albert F. 101 No. Ash, carpenter
Calhoun Charles S. 212 Purchase, baker
Canfield John H. 10 DeWolf, shoemaker
Cannon Albert, 54 Willis, clerk
Carroll Charles M. 178 Arnold, clerk
Carroll William A. 88 Liberty, carpenter
Carroll William E. 88 Liberty, carriage maker
Carter Edward H. 275 Pope, carpenter
Carter John W. 71 Cedar, porter
Case George W. T. 184 Court, jeweler
Case Isaac R. 625 County, clerk
Caswell Oscar F. 72 Hillman, blacksmith
Chadwick Edward E. 118 Mill, meat and provisions
Chadwick Joseph W. 103 Oak, foreman Twist Drill
Chadwick William L. 117 Mill, grocer
Champion John T. Court cor. Liberty, tailor
Chase Charles F. 24 Howard av, carpenter
Chase Frank B. 72 Willis, clerk
Chase Walter F. 7 Ocean, ship carpenter
Chase William F. 318 Mt. Pleasant, farmer
Chase William R. 129 Hillman, insurance agent
Chausse Joseph, 126 Mt. Pleasant, grocer
Churchill Benjamin J. 428 Kempton, gas fitter
Clark Frederick C. 42 Dartmouth, mill operative
Cleveland George H. V. D. 69 Forest, baker
Clynes Thomas J. 643 Purchase, dry goods
Cobb George A. Bridge road, tinman
Coit Manuel, 3 Warwick, clerk
Cole Theodore W. 74 Hillman, marble worker
Cole William, Jr. 196 Grinnell, treas. Co-op Assn

Collins Williston H. 20 Arch, book manufacturer
Cook Clarence A. 277 Union, superintendent
Cook D. Herbert, 45 Maitland, mason
Cook Frederick B. 18 Pleasant, janitor
Cook Otis Pierce, 212 Summer, clerk
Cooke Frank T. 266 Fourth, baker
Cooke Robert, 266 Fourth, baker
Coombs Charles S. 79 Mill, clerk
Cooper William E. 551 Kempton, grocer
Cornell Charles C. 34 Jenney Lind, market
Cornell Charles R. 283 County, stableman
Cornell Lester S. 283 County, clerk
Cornish Clifton H. 192 Grinnell, insurance
Corson Henry T. 643 County, druggist
Cory George A. 138 State, carpenter
Covell William P. 14 Pope, clerk
Covill Frank O. 53 Emerson, clerk
Coxen Charles H. 109 Durfee, grocer
Cranston William W. 143 Washington, upholsterer
Crapo George G. 168 Shawmut av, teamster
Cretien Ovilla, 180 State, weaver
Croacher Frank, 174 Fourth, lumber dealer
Croacher Thomas W. 121 Fifth, sash and blind maker
Cronin Edward L. 119 Maxfield, merchant
Cross William O. 61 Summer, carpenter
Crowley, Timothy, 111 Cedar, machinist
Cuddy Edward C. 16 Cottage, clerk
Cummings Benjamin, 31 Clinton, grocer
Cummings Frank A. 116 Fourth, grocer
Curry George F. 19 Columbia, carpenter
Curtis Leonard O. 109 Newton, music teacher

Cushing Charles F. 426 Union, merchant
Cushman Harvey, 298 County, grocer

## D

Dalbec Edmond, 324 Cedar Grove, conductor
Dammon William F. 136 Campbell, clerk
Dantsizen John G. 25 Cedar, upholsterer
Darling Edgar W. 390 Purchase, grocer
Darling Floyd E. e. s. Tobey road, clerk
Darling Franklin M. w. s. Tobey road, clerk
Davenport August M. Elm and Palmer, painter
Davis Charles E. 17 Chestnut, machinist
Davis Edward G. 195 Shawmut ave, florist
Davis Henry V. Jr. Ocean cor. Arnold, foreman
Davis Herbert E. 135 Locust, motorneer
Dawe Frederick C. 907 County, machinist
Deacon William, 417 Union, plumber
Dean A. Herbert, 217 Middle, clerk
Dean Charles F. 59 Elm, painter
Dean George F. 15 Borden, clerk
Dehn George R. 23 Linden, baker
Delano Charles H. 14 Myrtle, machinist
Delano George H. 443 Cottage, conductor
Desmond Joseph C. 181 Summer, clerk
DeWolf Alfred W. 109 Elm, hardware dealer
Dexter Arthur A. 56 Campbell, druggist
Dexter Howard N. 56 Campbell, shoemaker
Dion Jean B. 78 Mt. Pleasant, merchant
Dodge George J. 43 Mill, cabinet maker
Dohoney Daniel J. 285 Middle, clerk

Donaghy Thomas Jr. 103 Acushnet ave., clerk
Douglass Frank M. 18 Cedar, druggist
Dow William A. 170 Chancery, shipping clerk
Doyle Patrick J. 3 No. Oak, mill operative
Drake Albert B. 121 Cottage, civil engineer
Drake Charles E. 160 William, civil engineer
Driscoll Daniel F. 37 Linden, grocer
Driscoll Michael E. 37 Linden, clerk
Dudgeon Samuel, 74 Willis, clerk
Duggan James P. 89 Chancery, merchant
Dunham Frederick C. 82 Dean, silver plater
Dunham John A. 119 Court, insurance agent
Dunham Zaccheus C. 36 Madison, collector

## E

Easton Charles F. Jr. 555 Kempton, barber
Eddy George M. 8 Maple, retired
Eggers George A. 72 So. Chancery, gunsmith
Eldridge Frederick E. 295 Park, clerk
Ellison Henry W. 56 So. Emerson, merchant
Emery John C. 57 Bedford, Twist Drill
Ennis Charles T. 114 Fourth, clerk
Ennis John H. 17 Maitland, painter
Estes Andrew L. 115 Campbell, carpenter

## F

Fairchild Thomas H. 53 Fifth, druggist
Faisneau George E. Jr. 43 Sycamore, clerk
Faunce Charles L. 13 Pope, carpenter

Ferguson James, 49 State, shoemaker
Field Edward H. 286 Pleasant, clerk
Field Lynn A. 2 Foster, printer
Fish Andrew J. 279 Palmer, tailor
Fisher Arthur F. 105 Tremont, harness maker
Fisher Sidney S. 6 Franklin, motorman
Fitch Horace A. Mansion House, electrician
Foley William F. 1017 Purchase, spinner
Folger Charles E. 61 Hillman, bookkeeper
Footman John W. 131 Elm, blacksmith
Ford N. Ernest, 67 Willis, agent
Fowler William, 14 Mt. Vernon, assistant supt.

## G

Gammons Edgar H. 22 Grand, teamster
Gardner Arnold C. 439 County, clerk
Gardner Oliver H. 48 North, carpenter
Gay George F. 29 Rounds, carpenter
Gay Harry M. 115 Chancery, carpenter
Geils Charles H. 76 Thomas, reporter
Gibbs William H. H. 59 Shawmut av, eylet maker
Gibson Samuel S. west side Tobey road, mason
Gifford Abraham, 355 Court, carpenter
Gifford Edward W. 78 Durfee, clerk
Gifford Pardon B. 101 Morgan, reporter
Gifford Richmond A. 279 Cottage, clerk
Gifford Theodore C. 355 County, clerk
Gifford Timothy M. 44 State, clerk
Goff George H. 157 Emerson, carpenter
Gooding Robert A. 177 Cedar, carpenter

Goodwin Albert, 180 Middle, janitor
Gorham Robert S. 79 Morgan, clerk
Greene Matthew L. 22 North, machinist
Greer George, 342 Middle, retired
Greer John, 148 Rotch av, overseer
Grinnell Charles H. w. s. Tobey road, clerk
Grow Charles F. 82 Morgan, insurance agent
Gurl Henry J. r. 893 County, plumber
Gurney Frank J. e. s. Tobey road, farmer

## H

Habicht Frank A. 28 Cottage, printer
Hamblen Robinson P. 17 Bay, printer
Hambly Byron B. 81 Park, machinist
Hammond John N. Tobey road, w. side, carpenter
Hammond William J. 78 Morgan, twist drill
Hand William H. Jr. 464 County, yacht designer
Handford Joseph, 942 Acushnet av, mule spinner
Handy Leon S. 225 Grinnell, printer
Harlow Michael F. 363 Coggeshall, loom fixer
Harrison Samuel, 108 Division, grocer
Haskell Edward S. 9 Eighth, florist
Haskins Elmore P. 95 Chestnut, carpenter
Haskins Herbert K. 87 Chestnut, carpenter
Hatch George C. Jr. 1213 Acushnet av, clerk
Hatch Vinal F. 33 Sycamore, bookkeeper
Hathaway Andrew B. Hathaway road, florist
Hathaway Charles R. 18 Campbell, clerk
Hathaway Franklin B. Elm and Palmer, bldg mover
Hathaway Henry C. Jr. 62 Campbell, clerk

Hathaway Henry W. Hathaway road, farmer
Hathaway James L. 72 Willis, bookkeeper
Hathaway Jethro H. 498 Cottage, carpenter
Hathaway John W. Hathaway road, farmer
Hathaway Leonard J. Jr. Sassaquin, surveyor
Hathaway Merton L. 251 Hawthorn, clerk
Hathaway Thomas S. 385 County, merchant
Hathaway William E. 411 Cedar, hay and grain dealer
Hawes Frederick B. Tobey road, bookkeeper
Hawes William, 60 Sycamore, retired
Hawes William C. 73 Borden, banker
Hayden Abram L. 181 Smith, janitor
Hayes Lemuel W. 69 Sycamore, engineer
Hazard Alton L. 59 Hill, carriage painter
Headley Phineas Camp, Jr. 5 Lincoln, cotton broker
Healey Edward H. 235 Park, clerk
Healey Thomas F. n. s. Belleville road, assessor
Henderson Adam C. 807 Kempton, printer
Herlihy Patrick, 54 Washburn, stone cutter
Higgins Edward O. 1267 Rockdale ave., plumber
Higham Hiram Jr. 110 Merrimac, overseer
Hillman Frederick G. 1036 Acushnet ave., clerk
Hindle William T. 279 Pleasant, clerk
Hook Gilman E. 21 Columbia, contractor
Hough George A. 85 Campbell, editor
Howland Edgar F. 84 Forest, spar maker
Howland Ellis L. 64 Borden, reporter
Howland Ezra, 284 Union, farmer
Howland George, 284 Union, farmer
Howland Henry, 280 Pleasant, merchant
Howland Paul Jr. 91 State, engraver

Hoxie Frank C. 155 Washington, pattern maker
Hoye James F. 15 Pope, insurance agent
Huggins Leon M. 56 No. Sixth, reporter
Humphrey Harry J. 11 Round, clerk
Humphrey Horace L. 11 Round, clerk
Hunt Josiah, 198 Grinnell, treasurer
Hunt Raymond Z. 143 North, operative.
Hunt Samuel C. 146 Maxfield, architect

## J

Jackson George, s. s. Perry, mason
Jackson Thomas W. 597 Maxfield, barber
James Clarence H. 181 Fourth, accountant
James Herbert L. 1130 Rockdale ave., carpenter
Jean Louis, 65 Merrimac, clerk
Jenney Charles C. 37 Bay, machinist
Jenney Harry C. 75 Campbell, superintendent
Jenney Walter A. 151 Kempton, machinist
Jenney William B. 174 Grinnell, mason
Jenney William T. 170 Grinnell, accountant
Jennings Charles S. 357 Reed, clerk
Jennings Clark H. 357 Reed, driver
Jennings Harrie B. 358 Reed, bookkeeper
Jennison Charles J. 467 Acushnet avenue, pattern maker
Jewett William N. 216 Grinnell, merchant
Jordan Roger P. 225 Park, barber

## K

Kane James W. 530 Cottage, foreman
Kean Charles H. 135 Locust, electrician

Keen Charles F. 79 Locust, carpenter
Keen Leonard Jr. 39 Parker, carpenter
Kelleher Daniel, 300 Purchase, bomb lance manufacturer
Kelleher Daniel J. 433 Purchase, printer
Kelley John T. 256 Fourth, solderer
Kelley L. Aubert, 253 Acushnet ave., pressman
Kelley William E. 158 Grinnell, bookkeeper
Kern William E. Jr. 27 Dartmouth, clerk
Kilburn Frank J. 264 County, machinist
Kilburn James F. 166 Grinnell, machinist
King Charles J. 107 Robeson, machinist
King Benjamin F. 690 Cottage, conductor
King Burgess T. w. s. Elm n. Reed, carriage maker
King Isaiah, 67 No. Ash, jobber
King Philip R. 95 Willis, carriage maker
Kirby Frank R. 150 Cottage, merchant
Kirby William P. 92 Washington, machinist
Kirk John F. 94 State, grain business
Knowles Thomas P. 400 Pleasant, plumber
Knowles John W. 10 Orchard, superintendent
Knox William J. 178 Smith, clerk
Krober William G. 35 Tremont, florist

## L

Lagasse Adolph P. 196 Rivet, undertaker
Lamb William G. 406 Union, janitor
Langshaw Walter H. 314 County, superintendent
Lapham Leonard C. 183 Pleasant, clerk
Lawrence George W. e. s. Tobey rd. mason
Leach William H. H. 75 Sycamore, traveling salesman

Leach William W. 163 Maxfield, clerk
Leary Dennis Jr. 278 Austin, blacksmith
LeBaron Alonzo T. 46 Hill, eyelet maker
Lees Albert, Woodlawn ave., electrician
Lees Sidney, 29 Social, overseer
Lewin Charles, 247 Cedar Grove, loom fixer
Lincoln Arthur F. 286 Pleasant, conductor
Linton Frank I. 107 Maxfield, carriage maker
Louis Thomas W. 228 North, barber
Lowe Samuel J. 86 Kempton, shoemaker
Lucas Everett A. 109 Hathaway ave., carpenter
Luce Thomas E. 146 Campbell, grocer
Luce William T. Jr. 427 Mill, grocer
Luscomb Frederick W. 101 Maxfield, machinist
Lyons Thomas H. 63 Robeson, driver

## M

MacBride Robert, 11 Austin ct., watchman
MacKay William T. 173 Washington, machinist
Macomber George P. 774 County, copper works
Macy Arthur W. 161 Grinnell, jeweler
Macy Thomas W. 10 Allen, bookkeeper
Mahon George W. 115 Reynolds, car conductor
Maine Henry M. 36 North, carpet cleaner
Manchester James H. 690 Kempton, clerk
Manseau John D. 30 Durfee, clerk
Martin Edward H. 20 Pleasant, proof reader
Marts Andrew M. 295 Palmer, engineer
Mason John L. G. 53 North, mason
Maxfield Charles T. Mechanics lane, printer

Maxfield Frederick T. 191 Kempton, painter
McAfee John K. 63 Fifth, fruit dealer
McAuliffe Dennis J. 166 Allen, janitor
McBride John E. 291 Acushnet ave., printer
McCarty Mortimer, 27 Clark, teamer
McCullough John Jr. 55 Maxfield, merchant
McDonald Hugh J. 195 So. Second, carriage smith
McFarlin Albert C. 71 Spruce, driver
McGuinness John F. 95 Court, milliner
Meaney John J. 25 Crapo, carpenter
Meaney Thomas J. 25 Crapo, real estate agent
Mendell Benjamin W. 84 Parker, carpenter
Merrill Converse, 55 Chestnut, telegraph operator
Merritt George H., Plainville rd., farmer
Metcalf Frank M. 64 Foster, civil engineer
Milliken Lewis E. 73 Hillman, grocer
Mills William J. 809 County, retired
Monroe Frederick S. 474 Kempton, stenographer
Morrison Thomas, 79 Forest, watchman
Morse Willard H. 271 Pleasant, dry goods
Mosher Charles A. 202 Rockland, carpenter
Mosher Charles H. 1372 Rockdale ave., ice dealer
Mosher Frank T. 216 Rockland, carpenter
Moulton Augustus G. 56 Hill, bookkeeper
Munroe Robert C. r. 367 Kempton, plumber
Murkland Frank H. 55 Walnut, civil engineer
Murphy Dennis E. 24 Katherine, spinner
Murphy Edward M. 31 Richmond, clerk
Murphy Thomas D. 102 Merrimac, agent
Muspratt John 87 So. Sixth, printer
Myrick Walter R. 13 Eighth, clerk

## N

Neal George A. 51 Cottage, shoe dealer
Nicholas Andrew F. 39 Bullock, shoe cutter
Nicholson John G. 115 Hillman, lumber dealer
Nofftz Richard, 969 Kempton, florist
Norcross John C. 345 Reed, mason
Norton Thomas J. 52 Locust, foreman
Nuttall James H. 82 Morgan, druggist
Nye George E. 359 County, machinist
Nye George H. 323 Cottage, civil engineer
Nye Pemberton H. 709 County, merchant

## O

O'Brien John N. 103 Robeson, wood and coal
Oesting F. William, 689 County, trader
Offley John R. 289 Hillman, barber
Oman Charles A. 14 Allen, overseer
Oman Charles E. 14 Allen, third hand
Omerod James, 1039 County, shoemaker
O'Neal William H. 34 Emerson, salesman
O'Rourke William H. 60 Bay, asst. superintendent
Owen Alfred, 89 fruit, grocer

## P

Paige Maurice W. 9 Mill road, salesman
Paige Walter H. 9 mill road, mill hand
Paine Olin S. 87 State, clerk
Parker James N. 91 School, salesman

Parsons Thomas L. 131 Elm, broker
Paul John W. 71 Morgan, insurance agent
Paulding John I. 4 Smith, salesman
Pease William W. 234 Shawmut ave., machinist
Peckham Frank B. 117 Court, fish dealer
Peckham Frank H. 59 School, teamster
Peckham Reuben B. lane off Tobey road, mason
Peirce Leland C. 61 Hillman, clerk
Pelan George A. 666 Purchase, retired
Pell Walter D. 428 Kempton, janitor
Perkins John A. 159 Hillman, roofer
Perry Henry C. 671 County, grocer
Phinney Nathan D. 221 Pleasant, gents' furnishings
Phinney Otis B. 84 Elm, clerk
Plummer Charles W. 163 Hawthorn, merchant
Plumber Leander A. Jr. 148 Hawthorn, artist
Poisson Ludger, 93 Mt. Pleasant, merchant
Pollock Frederick O. 171 Mill, janitor
Pool Arthur T., Plainville road, teamster
Pool Willard G. 232 Shawmut ave., carpenter
Pope Abner P. 63 Thomas, carpenter
Potter Charles W. H. 209 Summer, carpenter
Potter Edwin L. 60 Dartmouth, grocer
Potter Frederick S. 143 Hawthorn, broker
Potter Stephen R. 91 Court, clerk
Priaulx Peter, 177 Arnold, gardener
Price Charles R., Arnold place, treas. N. B. Gas & Edison Electric Light Co.
Proulx Joseph, 26 Reynolds, druggist

## Q

Quinn Joseph, 1 Hickory, laborer

## R

Raphael William S. 16 Richmond, clerk
Raymond Calvin, Jr. 104 Smith, expressman
Raymond Charles, 85 Sycamore, night watchman
Reed Edmund A. 23 Cottage, clerk
Reed Leander, 35 Bay, grocer
Remington Emerald A. 87 Ashland, painter
Rexford George P. 68 School, machinist
Reynolds Alonzo F. 243 Chestnut, carpenter
Reynolds Edwin G. 210 Pleasant, livery stable
Reynolds William D. 178 North, salesman
Rice Arthur W. 595 Union, clerk
Rice Damon W. 174 Washington, clerk
Richards George D. 14 So. Sixth, house furnishings
Richards William D. 61 Fifth, stable keeper
Ricketson Orion, 146 State, plumber
Riley John S. 162 Chancery, rope maker
Riley Peter J. 109 Austin, boots and shoes
Robbins Charles B. 626 County, clerk
Robenolt Edward S. 23 Sycamore, janitor
Robinson Anthony, 239 Fourth, cigar manufacturer
Robinson William A. Jr. 84 Hawthorn, clerk
Rockefeller James B. 6 Keen, printer
Roddy James, 6 Pearl, retired
Rooney John P. rear 93 Bedford, gardener
Roy Arthur, 159 Coggeshall, teamer
Ruggles John A. Jr. 78 Chestnut, merchant
Russell Charles D. 22 Allen, salesman

Russell John A. w. s. Tobey road, farmer
Russell Nathaniel D. 31 Parker, retired
Russell Pardon Jr. 1107 Rockdale ave., ice dealer

## S

Sadler George H. 74 Allen, foreman
Salley George E. 257 Palmer, printer
Sanders Henry V. 224 Pleasant, real estate agent
Sargent William A. 101 Ashland, motorman
Savage John, 688 Purchase, confectionery
Sawtelle Frank C. 34 Eighth, clerk
Saxon George E. 628 Purchase, retired
Scammons Joseph H. 131 Robeson, night watchman
Schuler Jacques, 33 Sycamore, shoe dealer
Schwall James B. 25 Bonney, druggist
Searell Charles T. 59 Kempton, carpenter
Senna Antone H. 120 Fourth, interpreter
Serpa Charles A. 48 So. Sixth, clerk
Shaw Charles F. 395 Purchase clerk
Shaw Elmer H. 25 Fifth, variety store
Sherman Albert C. 155 William, stable keeper
Sherman Clarence R. 248 County, carpenter
Sherman Frederick W. 62 Bedford, printer
Sherman James L. 43 Mill, lumber dealer
Sherman John D. 37 Vine, janitor
Sherman William C. 208 Acushnet ave., engineer
Shurtleff Israel H. 252 County, druggist
Sisson William H. A. 308 County, decorator
Silva Antonio Gomez, 288 Acushnet ave., barber
Slocum Francis R. 5 Maple, furniture dealer

Smith Abbott P. 25 Seventh, real estate
Smith George, Brock ave., mill overseer
Smith George T. 107 Cedar, gas fitter
Smith Henry W. 27 Seventh, photographer
Smith Hoyland, 229 Acushnet ave., bicycle dealer
Smith James, 91 County, spinner
Smith Nathaniel C. 597 County, architect
Smith Shubael D. Jr. 81 Mill, clerk
Smith William E. 9 Arch, dye house
Snell William G. 281 Park, foreman
Snell William L. 105 Bonney collector
Snow Loum, Page, merchant
Sowle Frederick L. 26 Sycamore, hardware
Spencer Samuel R. 76 Shawmut ave., printer
Spooner Albert F. e. s. Tobey road, carpenter
Spooner Daniel A. w. s. Tobey road, farmer
Spooner Edward F. 682 Kempton, ice dealer
Spooner James L. w. s. Tobey road, farmer
Spooner John A. 2d, e. s. Tobey road, carpenter
Spooner Roswell, e. s. Tobey road, farmer
Stafford George B. 58 Shawmut ave., grocer
Stanton Henry H. 12 So. Ash, clerk
Stetson James A. 7 Anthony, civil engineer
Stevens Henry A. 1195 Rockdale ave., painter
Stirritt John H. 104 No. Ash, tinsmith
Stowell Alexander T. 814 Rockdale ave., shoemaker
Stowell Benjamin I. s. s. Elm e. of Reed, teamster
Stowell Frederick A. 806 Rockdale ave., ice dealer
Studley Alfred G. 199 Maxfield, bookkeeper
Sullivan Daniel F. 8 So. Ash, foreman
Swanton John D. 105 Hillman, shoemaker

Swift Anderson H. 74 South, carriage trimmer
Swift Edward B. 38 Willis, clerk
Swift Ezra J. 18 Campbell, yeast dealer
Swift Jireh Jr. 1 Clinton, merchant
Swift LeRoy W. 57 Cottage, bookkeeper
Swift Thatcher S. 118 So. Sixth, livery stable
Sylvester Robert R. 380 Kempton, shoe dealer
Sylvia Anthony L. 89 So. Sixth, merchant

## T

Taber Arthur K. 100 Hillman, clerk
Taber Edward C. e. s. Acushnet ave., grocer
Taber Henry G. 201 Park, machinist
Taber Robert W. 48 Fifth, bookseller
Taylor George S. 510 Mt. Pleasant, loom fixer
Taylor William H. 233 Acushnet ave., machinist
Teachman George E. lane off Hathaway road, mason
Thompson James O. Jr. 223 Summer, superintendent
Thompson James W. 119 Maxfield, engineer
Thompson Thomas, 136 North Second, marble worker
Thorley Francis, 515 Rivet, carpenter
Tilden Andrew, 61 Cottage, confectioner
Tilton Albert.A. 1127 Rockdale avenue, carpenter
Tilton Charles C. 396 Purchase, bookkeeper
Tinkham James T. 473 Cottage, contractor
Tobey Warren P. 39 Locust, publisher
Toomey Dennis H. rear 36 Linden, clerk
Topham William B. 15 Elm, accountant
Tourtellot William E. 65 Walden, printer
Tripp Augustus C. 80 Ashland, grocer

Tripp Benjamin C. 158 Arnold, carpenter
Tripp Christopher B. 12 Sherman, blacksmith
Tripp Edwin I. 99 Florence, butcher
Tripp Eliphalet A. 527 Cottage, agent
Tripp Everett C. 62 Shawmut ave., clerk
Tripp Frank G. 82 State, laundry
Tripp Myron E. 527 Cottage, machinist
Tripp Thomas B. 37 Allen, real estate agent
Tuell Frank P. P. 304 County, market
Turner Elbridge A., Hathaway road, shoemaker
Tuttle Francis L. 51 Bonney, agent

## U

Underwood Arthur P. 48 Mill, clerk

## V

Vaughan Harry C. 17 Borden, real estate
Vaughan Weston C. Jr. 323 Purchase, undertaker
Vinal Charles H. 103 Summer, accountant
Vincent Herbert M. 135 Acushnet ave., machinist

## W

Wade Bernard C. 83 Willis, clerk
Warren David, 255 State, livery stable
Warren Joseph C. 182 Cove, carpenter
Washburn Francis P. w. s. Tobey road, carpenter
Washburn Fred C. 190 Pleasant, carpenter
Washburn George E. w. s. Tobey road, mechanic
Waterman William H. 9 Arch, retired
Watkins James B. 20 Allen, retired
Watson Charles, 765 Kempton, druggist

Webb Hezekiah, 122 High, porter
Webber Archie C. 88 Florence, clerk
Weeden Fred M. 42 Richmond, merchant
Welch Albert C. 69 Sycamore, salesman
Wentworth Frank W. 74 Walnut, merchant
West William F., north side Plainville road, painter
Wheaton Walter F. 64 Mill, publisher
Whittaker Benjamin, 254 Chestnut, electrician
Whittaker Henry 536 Purchase, section hand
Wicks Rodolphus D. 23 Jenny Lind, retired
Wilcox Benjamin, 399 County, superintendent
Wilcox Charles A. 274 Cedar, carpenter
Wilcox Frank S. 53 So. Sixth, broker
Wilde Cyrus, 181 Shawmut ave., mule spinner
Williams Manuel A. 24 Katherine, clerk
Wilson Daniel W. 43 Foster, retired
Wing Charles F. 37 So. Sixth, merchant
Wing Charles H. 84 Willis, agent
Winn Patrick J. 585 Acushnet ave., painter
Wood Francis T. 138 Fourth, shoemaker
Wood George R. 60 Fourth, lumber dealer
Wood Harry A. 91 State, bookkeeper
Wood William B. 3 Popes Island, merchant
Wood William H. 408 County, merchant
Woodward Francis 352 Union, cotton broker
Woolfenden John, 69 Dean, jeweler
Woolfenden Robert, 399 Pleasant, clerk
Wordell B. Franklin, 228 Pleasant, real estate
Wrigley James, 280 Sawyer, retired

## Y

York William, 888 Rockdale ave., clerk
Young George R. 63 No. Second, clerk

1903. CITY DOCUMENT No. 18.

# CITY OF NEW BEDFORD.

## ORDINANCES.

IN THE YEAR
ONE THOUSAND NINE HUNDRED AND THREE.

NEW BEDFORD, MASS.
THE A. E. COFFIN PRESS, CITY PRINTERS.
1903.

## *CITY OF NEW BEDFORD.*

***In the Year One Thousand Nine Hundred and Three.***

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### AN ORDINANCE

To Establish a Joint Standing Committee on Bath Houses.

*Be it ordained by the City Council of the City of New Bedford, as follows:*

Section 1. A Joint Standing Committee of the City Council, to be called the "Joint Standing Committee on Bath Houses," is hereby created.

Section 2. This ordinance shall take effect upon its passage.

In Board of Aldermen, Jan. 8, 1903.
Passed to be ordained.
CHAS. S. ASHLEY, Mayor.

In Common Council, Jan. 8, 1903.
Passed to be ordained.
SAMUEL HIGHAM, President.

Approved Jan. 8, 1903.
CHAS. S. ASHLEY, Mayor.

A true copy. Attest:
D. B. LEONARD, City Clerk.

## *CITY OF NEW BEDFORD.*

***In the Year One Thousand Nine Hundred and Three.***

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## AN ORDINANCE

AMENDING SECTION 2 OF CHAPTER X OF THE CITY ORDINANCES RELATING TO POLICE DEPARTMENT.

*Be it ordained by the City Council of the City of New Bedford, as follows:*

SECTION 1. Section 2 of Chapter X of the City Ordinances is hereby amended by inserting after the word "police" in the second line thereof the words "one deputy chief of police."

SECTION 2. The Deputy Chief of Police shall aid in the performance of any and all such duties as are prescribed in Section 4 of Chapter X, for the Chief of Police, under his direction or that of the Mayor and Aldermen; and in the event of the inability of the Chief of Police, by sickness or otherwise, to perform the duties of his office, the same shall, for the time being, devolve upon the Deputy Chief of Police.

SECTION 3. This ordinance shall take effect upon its passage.

IN BOARD OF ALDERMEN, Jan. 8, 1903.

Passed to be ordained.

CHAS. S. ASHLEY, Mayor.

IN COMMON COUNCIL, Jan. 8, 1903.

Passed to be ordained.

SAMUEL HIGHAM, President.

Approved Jan. 8, 1903.

CHAS. S. ASHLEY, Mayor.

A true copy. Attest:

D. B. LEONARD, City Clerk.

## *CITY OF NEW BEDFORD.*

***In the Year One Thousand Nine Hundred and Three.***

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## AN ORDINANCE

ENTITLED "AN ORDINANCE AMENDING CHAPTER XVI OF THE CITY ORDINANCES, PROVIDING FOR THE APPOINTMENT OF A WATER REGISTRAR BY THE NEW BEDFORD WATER BOARD."

*Be it ordained by the City Council of the City of New Bedford, as follows:*

SECTION 1. Section 5 of Chapter XVI of the Ordinances is hereby amended by adding after the word "water-works" in the second line thereof the words "a water registrar," so that said section as amended shall read as follows, viz.:

Said Water Board shall appoint a Superintendent of the Water Works, a Water Registrar, and all such subordinate officers, agents and assistants as may be found necessary and which said Board is hereby authorized to appoint. And all such officers, agents and assistants shall hold their respective offices or situations during the pleasure of said Board, and shall perform such duties respectively as the Board shall assign, and receive such compensation as the Board in the absence of any order of the City Council in relation thereto shall from time to time determine.

SECTION 2. Section 6 of said Chapter XVI is hereby repealed, and a new section inserted in place thereof to read as follows, viz: Section 6. Payment of all assessments for water rates shall be made to and collectible by the City Treasurer. And all moneys so received shall be placed by him to the credit of the New Bedford Water Board.

SECTION 3. Section 9 of said Chapter XVI is hereby amended in the first paragraph by inserting after the word "and" in the third line thereof the words "the preparation of and transmission to the City Treasurer of proper schedules of all assessments of water rates and bills for," so that said paragraph of said section as amended shall read as follows, viz.: Section 9. The Water Registrar shall have the charge, under the direction of the Board, of all matters connected with the delivery of the water and the preparation of and transmission to the City Treasurer of proper schedules of all assessments of water rates and bills for the payment therefor, and shall see that all rules and regulations of the Board or of the City Council in relation to the use of the water are observed and all the penalties for their violation enforced. For this purpose he shall every year and as much oftener as he may be directed by the Board, or may himself think proper, personally, or by an assistant under his direction, visit the premises of every person who takes the water, and in all suitable ways exercise a constant and careful supervision over its use.

SECTION 4. Section 9 of said Chapter XVI is hereby further amended by striking out the whole of the last paragraph thereof, and inserting in the place thereof a new paragraph, so that said paragraph of said section as amended shall read as follows: "The City Treasurer shall in his annual report to the City Council present

a detailed statement of all expenditures and receipts and financial matters connected with this department."

IN BOARD OF ALDERMEN, June 25, 1903.
Passed to be ordained.
CHAS. S. ASHLEY, Mayor.

IN COMMON COUNCIL, June 25, 1903.
Passed to be ordained.
SAMUEL HIGHAM, President.

Approved June 26, 1903.
CHAS. S. ASHLEY, Mayor.

A true copy. Attest:
DANIEL B. LEONARD, City Clerk.